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☞ **Separate paging is given to this Part in order that it may be filed as a separate compilation.**

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SUPPLEMENT No. 36.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

MILITARY SECRETARY'S OFFICE.

NOTIFICATIONS.

Simla, the 3rd September, 1889.

His Excellency THE VICEROY AND GOVERNOR-GENERAL will hold a Levée at Government House, Calcutta, on Tuesday, the 10th December 1889, at 9-30 P.M.

All Civil and Military Officers and the Native Officers of the Native Regiments of the Garrison are invited to attend.

Gentlemen purposing to attend the Levée are requested to send their cards to the Aide-de-Camp in Waiting not later than Saturday, the 30th November 1889, after which "No Cards" will be received, and to bring with them to the Levée two cards, with their names legibly written on them—one to be given on entering Government House, and the other to the Aide-de-Camp in Waiting at the time of presentation.

Gentlemen who have not already been presented at the Court of St. James or at Government-House will be good enough to add the names of Gentlemen who will present them.

Gentlemen wearing uniform will appear in full dress.

Gentlemen not wearing uniform will appear in evening dress.

The carriages of Gentlemen (except such as have the Private Entrée) attending the Levée will enter by the North-East Gate, set down under the Grand Staircase, and pass out by the North-West Gate.

The 4th September, 1889.

Their Excellencies THE VICEROY AND MARCHIONESS OF LANSDOWNE will hold a Drawing Room at Government House, Calcutta, on Friday, the 13th December 1889, at 9-30 P.M.

Ladies purposing to attend the Drawing Room are requested to send their cards and addresses to the Aide-de-Camp in Waiting not later than Saturday, the 7th December 1889, after which "No Cards" will be received, and to bring with them to the Drawing Room two cards, with their names legibly written on them—one to be given on entering Government House, and the other to the Aide-de-Camp in Waiting at the time of presentation.

Ladies who have not already been presented at the Court of St. James or at Government House are requested to send their cards, through the Ladies intending to present them, with their addresses, to the Aide-de-Camp in Waiting as soon as possible.

Ladies who present others should themselves attend the Drawing Room.

Ladies attending the Drawing Room will be expected to appear in full dress, but without trains.

The carriages of those who have the Private Entrée will enter by the South-West Gate, and set down at the South Entrance of Government House.

All other carriages will enter by the North-East Gate, set down under the Grand Stairs, and pass out by the North-West Gate.

By Command,

WILLIAM BERESFORD, *Lieut.-Colonel,*

Military Secretary to the Viceroy.

HOME DEPARTMENT.

NOTIFICATIONS.

ESTABLISHMENTS.

Simla, the 4th September, 1889.

No. 545.—Mr. B. H. Baden-Powell has been permitted to resign Her Majesty's Bengal Civil Service, with effect from the 1st May, 1889.

JUDICIAL.

The 4th September, 1889.

No. 1252.—With effect from the 1st May, 1889, and in supersession of Notification No. 518, dated 26th April, 1889, the Governor-General in Council is pleased to make the following appointments under the provisions of section 4 of the Punjab Courts Act, XVIII. of 1884:

Mr. J. Frizelle, Bengal Civil Service, temporary Judge of the Chief Court, to be a Judge of that Court, *vice* Mr. B. H. Baden-Powell, C.I.E., Bengal Civil Service.

Mr. A. W. Scoglon, Bengal Civil Service, to be a temporary Judge of the Chief Court until 15th August, 1889.

POLICE.

The 31st August, 1889.

No. 621.—The following temporary appointments are made in the Berar Police, with effect from the 13th May, 1889:

Colonel E. J. Gunthorpe, District Superintendent of Police, 3rd (officiating 2nd) Class, to officiate as a D[illegible] Superintendent of Police of the 1st [illegible]

Mr. H. A. Heath, Distr[illegible] Superintendent of Police, 3rd Class, to [illegible] District Superintendent of Poli[illegible] 2nd Class.

Mr. H. F. Cotgrave, D[illegible] Superintendent of Police, 4th Class, to [illegible] as a District Superintendent o[illegible] of the 3rd Class.

Mr. Yezdiar R. Vicca'i, A[illegible] Superintendent of Police, 1st [illegible] to officiate as a District Superintendent o[illegible] Police of the 4th Class.

ECCLESIASTICAL.

The 4th September, 1889.

No 333.—The services of the Reverend A. A. Sharp, Junior Chaplain on the Madras Ecclesiastical Establishment, are placed temporarily at the disposal of the Chief Commissioner of Burma.

EDUCATION.

The 4th September, 1889.

No. 402.—The Governor-General in Council has been pleased to reappoint the Honourable Sir William Comer Petheram, KT., Q.C., whose tenure of office has expired by efflux of time, to be Vice-Chancellor of the University of Calcutta.

C. J. LYALL,

Offg. Secretary to the Government of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.

PATENTS.

Simla, the 30th August, 1889.

No. 1765-P.—Specifications of the undermentioned inventions have been filed, under the provisions of Act XV. of 1859, in the Office of the Secretary to the Government of India in the Revenue and Agricultural Department. Copies have been sent to one of the Secretaries to each of the Governments of Bengal, Fort St. George, Bombay, and the North-Western Provinces. A copy of every specification is open to public inspection, at all reasonable hours, at the Office of the Secretary to the Government of India in the Revenue and Agricultural Department at the Presidency, upon payment of a fee of one Rupee. A certified copy of any specification will be given to any person requiring the same on payment of the expense of copying:—

No. 136 *of* 1888.—Adelbert Chambers, Engineer, a resident in the City of Troy, County of Rensselaer and State of New York, in the United States of America, for apparatus for [illegible] stoppages to [illegible].

No. 142 *of* 1888.—James Mason, of Belper, in the District of Sitapur, Zemindar, for improvements in Oil Mills.

No. 1766-P.—Specifications of the undermentioned inventions have been filed, under the provisions of Act V. of 1888, in the Office of the Secretary to the Government of India in the Revenue and Agricultural Department. Copies have been sent to the Governments of Fort St. George and Bombay and the Chief Commissioner of Burma. A copy of every specification is open to public inspection at all reasonable hours at the Office of the Secretary to the Government of India in the Revenue and Agricultural Department at the Presidency, upon payment of a fee of one Rupee. A certified copy of any specification will be given to any person requiring the same on payment of the expense of copying.—

No. 28 *of* 1888.—Ambrose Shere Massey, Engineer, and Partner in the Napier Works, Madras, for the construction of light ploughs.

No. 39 *of* 1888.—Ambrose Shere Massey, Engineer, and Partner in the Napier Works, Madras, for improvements in Sugarcane Mills.

No. 32 *of* 1889.—Frederick Barker Hill, Engineer, of London, England, for improvements in ice making, cooling, and refrigerating apparatus.

No. 36 *of* 1889.—William Phillips, Pensioner on the Military Establishment, and Resident of Fyzabad in the Province of Oudh, for an improvement on a Sugarcane Mill, known as "Phillips (portable) automatic cane-divider and squeeze mill."

No. 82 *of* 1889.—John Hope, Engineer, of the City of Liverpool, in the County of Lancaster, England, for fare checking, indicating, and advertising apparatus for use in omnibuses.

No. 131 *of* 1889.—Henry Harrison Doty, of London, England, Engineer, for improvements in the treatment of rhea or ramie and other fibrous plants, and in apparatus therefor.

No. 141 *of* 1889.—Walter Rogers, Assistant Engineer, Oudh and Rohilkhund Railway, Lucknow, for the automatic adjustment of rollers and their bearings, either separately or together, of sugarcane crushing mills, the adjustment being performed by the force obtained by the gravity of a suspended weight.

No. 147 *of* 1889.—George Westinghouse, Junior, and Frank Moore, both of Pittsburgh, Pennsylvania, in the United States of America, Engineers, for improvements in drivers' valves for controlling pneumatic brakes in railway trains.

No. 169 *of* 1889.—Gottlieb Daimler, of Cannstatt, Wurtemberg, in the Empire of Germany, Engineer, for improvements in gas and petroleum motor engines.

FORESTS.

The 5th September, 1889.

No. 935-F.—The following temporary promotions are made during the absence on privilege leave for one month and twenty-one days of Captain E. S. Wood, Conservator of Forests, 1st Grade, Oudh Circle, North-Western Provinces and Oudh, with effect from 15th July, 1889, and until further orders:

Mr. C. J. Ponsonby, Deputy Conservator, 1st Grade, North-Western Provinces and Oudh,—to officiate in the 3rd Grade of Conservators and to hold charge of the Oudh Circle, in addition to his own duties.

Mr. W. G. Allan, Deputy Conservator, 2nd Grade, North-Western Provinces and Oudh,—to officiate in the 1st Grade of Deputy Conservators.

The 6th September, 1889.

No. 954-F.—The following temporary promotions and reversions are made consequent on the return to duty from furlough of Lieutenant-Colonel G. J. van Someren, M.G.L.I., Conservator of Forests, 2nd Grade, and until further orders:

Lieutenant-Colonel van Someren—to officiate in the 1st Grade of Conservators from 10th August, 1889, and to hold charge of the Berar Forest Circle from 10th to 12th August, 1889 (both dates inclusive).

Mr. E. P. Dansey, Officiating Conservator, 3rd Grade, Berar,—reverted to his substantive appointment of Deputy Conservator, 3rd Grade, North-Western Provinces and Oudh, from 10th to 12th August, 1889 (both dates inclusive), but remained on duty in Berar during that period, and resumed charge as Officiating Conservator, 3rd Grade, of the Berar Forest Circle from Lieutenant-Colonel van Someren on the afternoon of the latter date.

E. C. BUCK,

Secretary to the Government of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.

Simla, the 2nd September, 1889.

No. 1557-G.—Mr. J. Wade, Superintendent of the Office of the Commissioner of the Hyderabad Assigned Districts, is appointed to be Extra Assistant Resident, Hyderabad, and Superintendent of the Residency Civil Offices (on probation), with effect from the 20th August, 1889, *vice* Mr. A. W. S. Murray, deceased.

The 4th September, 1889.

No. 1573-G.—With the sanction of Her Majesty's Government, the Governor-General in Council is pleased to recognise the appointment of Mons. Pernet as Consul for France at Bombay.

The 5th September, 1889.

No. 1577-G.—Lieutenant K. D. Erskine, Officiating Political Assistant of the 3rd Class, is posted as Assistant to the Governor-General's Agent in Rajputana.

Lieutenant G. F. Chenevix-Trench, Officiating Political Assistant of the 3rd Class, is posted as Assistant to the Governor-General's Agent, and to the General Superintendent of Operations for the Suppression of Thagi and Dakaiti, in Rajputana.

No. 1584-G.—Govind Rao Khandekar, Superintendent of the Office of the Commissioner of Ajmere, is appointed to be Extra Assistant Commissioner and Treasury Officer at Ajmere, with effect from the date of assuming charge, *vice* Pandit Jia Lal, transferred to foreign service.

No. 1586-G.—Captain A. F. DeLaessoe, C.M.G., C.I.E., Officiating Political Assistant of the 1st Class, is posted, until further orders, as Assistant Commissioner of Ajmere.

Munshi Bishen Sarup, Rai Bahadur, Deputy Magistrate of Kekri, is appointed, temporarily, to hold charge of the current duties of the office of Assistant Commissioner of Merwara, with effect from the date of assuming charge, and until further orders.

No. 3524-I.—In substitution of Foreign Department notification No. 1343-I., dated the 28th March, 1889, the Governor-General in Council is pleased to issue the following notification, which shall be deemed to have been in force from the date of the said cancelled notification:

Whereas the Governor-General in Council has, by arrangements made with the Rulers or Representatives of the States mentioned in the second column of the schedule hereto annexed, jurisdiction within those portions of land which lie within their respective territories and are occupied or may be hereafter occupied by the sections of the Bhavnagar-Gondal-Junagad-Porbandar Railway system, mentioned opposite their names respectively in the first column of the said schedule (including the lands occupied as stations, out-buildings, and for other railway purposes); In exercise of this jurisdiction and of the powers conferred by sections 4 and 5 of the Foreign Jurisdiction and Extradition Act, 1879, and of all other powers enabling him in this behalf, the Governor-General in Council is pleased to issue the following orders:

(1) The provisions of the law for the time being in force relating to Railways in India shall apply to the aforesaid lands.

(2) The Governor of Bombay in Council shall, for the purposes of the said law, be deemed to be the Local Government in respect of the lands aforesaid.

SCHEDULE.

Sections of the Bhavnagar-Gondal-Junagad-Porbandar Railway.	States.
Bhavnagar-Gondal Railway	Baroda. Junagad. Gondal. Wadhwan. Bhavnagar. Lamri. Chura. Wala. Lathi. Pipria. Bantwa. Jetpur.
Jetalsar-Verawal Extension	Junagad. Gondal. Jetpur.
Dhoraji-Porbandar Extension	Gondal. Navanagar. Porbandar.

No. 3527-I.—In exercise of the powers conferred by section 32 of the Code of Criminal Procedure as declared in force in the lands occupied by the Rajputana-Malwa Railway System by the notification of the Government of India in the Foreign Department, No. 1008-I., dated 21st March, 1884, and of all other powers enabling him in this behalf, the Governor-General in Council is pleased to invest Rai Bahadur Pundit Bala Prashad, the Assistant to the Superintendent of the Rajputana-Malwa Railway Police, and exercising second class magisterial powers within the Central Indian Section of the Rajputana-Malwa Railway System, with the power to pass sentences of whipping within the limits of the said Central Indian Section.

No. 3531-I.—1. In exercise of the powers conferred by section 13 of the Births, Deaths and Marriages Registration Act, VI. of 1886, the Governor-General in Council is pleased to appoint the person holding the office of Chaplain of Chadderghat, for the time being, to be the Registrar of Births, Deaths and Marriages in respect of the classes of persons indicated in section 11, sub-section (*1*), clause (*b*), of the said Act, for the Hyderabad State.

II. For the purposes of section 24, sub-section (2), and section 32 of the said Act, the Governor-General in Council is further pleased to appoint the Registrar-General of Births, Deaths and Marriages for the Madras Presidency, for the time being, to be the Registrar-General for the Hyderabad State.

The 6th September, 1889.

No. 1591-G.—Lieutenant J. L. Kaye, Officiating Squadron Officer, 1st Regiment, Central India Horse, is appointed to officiate as a Political Assistant of the 3rd Class, and is posted as Assistant to the Governor-General's Agent for Central India, with effect from the date of assuming charge.

No. 1593-G.—Consequent on the appointment of Colonel R. Bullock, Deputy Commissioner of the 2nd Class, to be Civil and Sessions Judge, the following appointments are made in the Berar Commission, with effect from the 1st July, 1889:

Colonel E. S. Ludlow, C.I.E., Madras Staff Corps, Deputy Commissioner of the 3rd Class, to be a Deputy Commissioner of the 2nd Class, but to continue to be seconded during his employment in foreign service.

Colonel F. W. Grant, Bengal Staff Corps, Deputy Commissioner of the 3rd Class, and Officiating Deputy Commissioner of the 2nd Class, to be a Deputy Commissioner of the 2nd Class.

Mr. A. Elliott, Assistant Commissioner of the 1st Class, and Officiating Deputy Commissioner of the 3rd Class, to be a Deputy Commissioner of the 3rd Class.

The appointment of Colonel Grant is provisional, under the operation of article 109 of the Civil Service Regulations.

No. 1595-G.—Pandit Suraj Narayen, Assistant Commissioner of the 3rd Class, officiating in the 2nd Class, is appointed to officiate as an Assistant Commissioner of the 1st Class, with effect from the 1st July, 1889, and during the absence on furlough of Captain R. V. Garrett, or until further orders.

No. 1597-G.—The following appointments are made in the Berar Commission, with effect from the 7th July, 1889, consequent on the replacement of the services of Colonel F. W. Grant, Bengal Staff Corps, Deputy Commissioner of the 2nd Class, at the disposal of the Military Department:

Mr. H. S. Nicholetts, Deputy Commissioner of the 3rd Class, and Officiating Deputy Commissioner of the 2nd Class, to be a Deputy Commissioner of the 2nd Class.

Colonel H. deP. Rennick, Bengal Staff Corps, Deputy Commissioner of the 3rd Class, to officiate as a Deputy Commissioner of the 2nd Class.

Mr. A. J. Dunlop, Assistant Commissioner of the 1st Class, to be a Deputy Commissioner of the 3rd Class, but to continue to be seconded during his employment in foreign service.

Mr. R. D. Hare, Assistant Commissioner of the 1st Class, to be a Deputy Commissioner of the 3rd Class, but to continue to be seconded for employment in foreign service.

The substantive appointments are provisional, under the operation of article 109 of the Civil Service Regulations.

No. 1599-G.—Wasudeo Sadashiv Pisolkar, Clerk of the Court of the Commissioner, Hyderabad Assigned Districts, is appointed to be an Extra Assistant Commissioner of the 5th Class in Berar, with effect from the date of assuming charge, *vice* Ganesh Shrikrishna Khaparde, resigned.

No. 1601-G.—The following appointments are made in the Berar Commission, with effect from this date:

Bandhuji Janardan Chaobal, Extra Assistant Commissioner of the 3rd Class, to be an Extra Assistant Commissioner of the 2nd Class.

The undermentioned Extra Assistant Commissioners of the 4th Class to be Extra Assistant Commissioners of the 3rd Class:

Vishwanath Narayan Dandekar.
Mr. C. H. Price.

The undermentioned Extra Assistant Commissioners of the 5th Class to be Extra Assistant Commissioners of the 4th Class:

Maniksha Ruttanji Dastur.
Ardasir Dinshaji Cheney.
Waman Narayen Bapat.
Mr. R. MacGill.

H. M. DURAND,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

LEAVE AND APPOINTMENTS.

Simla, the 2nd September, 1889.

No. 4494.—Mr. J. C. E. Branson, Deputy Accountant-General, Bombay, is granted privilege leave for two months and twelve days, from the 14th September, 1889, or such subsequent date as he may avail himself of it.

No. 4496.—Mr. C. R. C. Kiernander, Deputy Auditor-General, is granted privilege leave for one month from the 8th October, 1889.

The 4th September, 1889.

No. 4516.—Surgeon-Major J. Scully (Bengal Establishment), Assay Master, Calcutta, is granted privilege leave for three months from the 11th October, 1889.

Surgeon-Major H. P. Yeld (Bengal Establishment), Officiating Assay Master, Bombay, is appointed to officiate as Assay Master, Calcutta, but will continue to officiate at Bombay till relieved by Major Martin. Surgeon A. Milne (Bombay Establishment), Officiating Deputy Assay Master, Calcutta, is appointed to officiate as Assay Master, Calcutta, until he is relieved by Surgeon-Major Yeld.

The 5th September, 1889.

No. 4574.—Mr. E. Lawrence, Under-Secretary to the Government of India in this Department, is granted privilege leave for one month and twenty-four days, from the 16th October, 1889.

The 6th September, 1889.

No. 4608.—Mr. E. Rule, Comptroller of India Treasuries, is granted privilege leave for two months and twenty-two days, from the 11th October, 1889.

Mr. J. E. Cooke, Deputy Accountant-General, Bengal, is appointed to officiate as Comptroller of India Treasuries during Mr. Rule's absence on privilege leave.

E. J. SINKINSON,
Offg. Secretary to the Government of India.

LEAVE AND APPOINTMENTS.

The 6th September, 1889.

No. 4613.—Mr. E. J. Sinkinson is confirmed in the appointment of Secretary to the Government of India in the Finance and Commerce Department, with effect from the 16th July, 1889.

J. F. FINLAY,
Deputy Secretary to the Government of India.

MILITARY DEPARTMENT.

Simla, the 6th September, 1889.

FIELD OPERATIONS.

BURMA.

No. 782.—The Governor-General in Council directs the publication, for general information, of the subjoined correspondence and despatches relating to the late operations in Upper Burma:

From MAJOR-GENERAL E. H. H. COLLEN, Secretary to the Government of India, Military Department, to the Adjutant-General in India,—(No. 2164-B,—"Field Operations, Burma",—dated Simla, 27th August, 1889).

I am directed to acknowledge the receipt of your letter No. 3238-A, dated 18th July 1889, forwarding a despatch* from Major-General Sir G. S. White, K.C.B., V.C., reviewing the principal military operations in which the forces under his command in Upper Burma were engaged between the 31st March 1888 and the 31st March 1889, the period between the date of his last general report and that on which he relinquished the command on appointment to the Staff as a Major-General on the Bengal establishment.

* No. 1, dated 9th July 1889.

2. Sir George White has held the chief command in Burma, except during the intervals when their Excellencies the Commander-in-Chief in India and the Commander-in-Chief of the Madras Army were present in person, from March 1886 until April 1889, a period characterised by almost continuous operations in the field, at first against the bands of insurgent dacoits which overran the country, and of late more especially against the frontier tribes, to repel their incursions into Burma and their ravages upon the peaceful inhabitants of the country. The success of these operations, which have involved great hardship and labor on the troops, and the satisfactory progress made towards the pacification of the country, must be ascribed in very large measure to the skill, judgment, and ability of Sir George White. The Governor-General in Council fully concurs in the high approbation expressed by the Commander-in-Chief of the Major-General; His Excellency in Council also cordially endorses the Commander-in-Chief's praise of the ability and energy with which the several commanders, acting under Sir George White, have directed the detailed columns under their commands; also His Excellency's approbation of the troops, officers and men of all ranks alike, both British and Native, for the untiring and cheerful endurance displayed by them throughout these protracted and laborious operations. It will be the pleasing duty of the Governor-General in Council to bring these valued services to the notice of Her Majesty's Government.

3. The Governor-General in Council entirely concurs in the opinion expressed by Sir Frederick Roberts that the cordial relations maintained by Sir George White with the successive Chief Commissioners of Burma, and the hearty co-operation of the Civil and Military administrations, have conduced in a high degree to the success which has been achieved towards the pacification of that country.

From MAJOR-GENERAL W. K. ELLES, C.B., Adjutant-General in India, to the Secretary to the Government of India, Military Department,—(No. 3238-A,—"*Field Operations*,"—dated Simla, 18th July, 1889).

In continuation of my despatch No. 2133-A, dated 11th May 1888,[1] I have the honor, by direction of the Commander-in-Chief in India, to transmit herewith a despatch* from Major-General Sir G. S. White, K.C.B., V.C., containing a report of the principal military operations in which the forces composing the garrison of Upper Burma were engaged between the 31st March 1888 and the 31st March 1889, comprising generally the period between the date of the last report and the date on which Sir George White relinquished his command in Upper Burma on the consolidation of the Burma Command into a District of the Madras Army.

* No. 1, dated 9th July 1889.

2. The services performed by the troops have been so fully described by Sir George White and the leaders of the several field forces, that it remains only for His Excellency to endorse the high terms in which the Major-General speaks of the ability and energy with which the several commanders have directed the detached columns, and the untiring and cheerful endurance displayed by the troops, officers and men of all ranks alike, both European and Native. The names of those officers and men whom His Excellency would bring to the notice of the Government of India as specially deserving of reward are submitted separately.

3. But while commending to the notice of the Government the good work of the Upper Burma Force during the past year, Sir Frederick Roberts cannot but briefly refer to the general results of those operations, and to the progress in the great work of the pacification of the province of Burma to which they point. The operations of the year 1887-88, while including frontier reconnaissances, had been chiefly confined to the suppression of dacoity in the districts acquired in 1885-86, the bordering States having been but scantily visited and being practically unknown.

During the past year on the other hand, while the maintenance of order in the central districts has been principally entrusted to the police, supported by the reserves of the regular troops, the operations of the military by well equipped forces have comprised expeditions into the outlying regions on the west, north and east—expeditions attended with almost unvarying and continuous success, and resulting, as shown by Sir George White, in the inclusion within the settled influence of British rule of tracts comprising 50,000 square miles, inhabited by tribes who, while to some extent nominally subject to the old Kingdom of Burma, were practically inimical alike to the ruler and his people. In the east, hands were joined with the advanced parties of the troops of the King of Siam; in the north a step in approach has been made towards the eastern borders of Assam on the Upper Irrawaddy, and in the neighbourhood of Bhamo

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[1] The following extracts are here given in explanation of Sir George White's present account:

From the Adjutant-General in India, to the Secretary to the Government of India, Military Department, No. 2133-A, dated Simla, the 11th May, 1888.

* * * * * *

2. In the 24th paragraph of his despatch Sir George White briefly refers to the work which has been done. This, in addition to the ordinary duty of preserving order and suppressing dacoity in the territory occupied by our troops, has consisted of expeditions to the distant frontiers of the recently acquired territory.

A vast area hitherto unexplored by Government officers has thus been brought directly under the British rule.

The Commander-in-Chief wholly endorses the high terms in which Sir George White speaks of the ability and tact with which the various Commanders of the expeditionary columns have overcome difficulties of all sorts, both political and physical; and His Excellency would particularly bring to the notice of Government the unvarying success with which this often delicate task has been accomplished.

* * * * * *

4. The cheerfulness and endurance with which the troops of all ranks have sustained these long and harassing marches cannot be too highly commended; and the perseverance with which the less interesting duty of following and breaking up bands of dacoits which have shown themselves in the settled districts has been carried out, merits equal praise.

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From Major-General Sir G. S. White, to the Adjutant-General in India, No. 56-B-C, dated Mandalay, 1st April, 1888.

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2. Since my former despatches, submitted through His Excellency the Commander-in-Chief of the Madras Army, dated 10th March and 11th April 1887, the operations in Upper Burma, although less general throughout the province, have been of much the same nature as those described in the despatches above referred to.

* * * * * *

24. In submitting this report, I would solicit the attention of His Excellency the Commander-in-Chief to the vast work which has been accomplished by the troops in this command during the last open season. Public attention has been but little directed to the marches of our numerous columns; but the area that they have covered may be described as follows:

(a) The Shan Hill States,—from the Mobye on the south along the line of the Salween on the east to Northern Theinni on the north.

(b) The country north of Bhamo,—from that station to Mogaung, thence to the Jade mines on the north-west, and to the Endawgyi Lake and to Monhyin on the west and south.

(c) Two routes from Htigyaing on the Irrawaddy have been traversed to and from the Chindwin, both passing through the State of Wuntho—one debouching on the Chindwin at Kendat; the other higher up the same river at Sittaung.

(d) Our western frontier has been reconnoitred and surveyed from Tammu on the north along the valley of the Myittha, to Gangaw, Thilin, Yaw, Saw, Laungshe, and Sidotia on the west and south.

turbulent tribes on the borders of China have been brought to order; while on the west the expedition to the Chin Hills, primarily caused by the incursions of these brave but barbarous tribes, and the carrying into captivity the inhabitants of peaceful Burman villages on the west of the Chindwin, has prepared the way for the opening up of direct communication with the shores of the Bay of Bengal.

The political significance of these results requires no special indication; but with reference to the Chin expedition, it may be stated that the establishment of Fort White within about 80 miles of the police post of Lungleh, recently planted in the Lushai hills by the expedition directed from Chittagong, will have an important effect in the settlement of the tract of hills comprising the country of the Lushai and neighbouring tribes, which have proved a source of annoyance for years past on the eastern borders of Bengal. The civilizing influence of these posts, dominating, from the east and west respectively, a hitherto unexplored mountainous region, may be safely predicted from the experience of the now settled Jyntiah hills in Assam, with regard to which it is within the knowledge of Government that not many years ago the district of which Shillong is the centre was as turbulent and as great a source of annoyance as is the Lushai country of the present day.

4. While according the fullest credit to the troops who have been instrumental in achieving these great results, Sir Frederick Roberts desires to record his obligations to Major-General Sir George White. During the three-and-a-half years of his employment in Burma, Sir George White has for two years held the chief command of the large force employed in the Upper Provinces; and His Excellency feels that it is due to the ability and discretion of this officer, and to the cordial relations which he has invariably maintained with successive Chief Commissioners, that the Civil and Military administrations have gone hand in hand, and that their united efforts have been rewarded with undeniable success.

5. In conclusion, Sir Frederick Roberts cannot but express his concurrence with Sir George White's observations in the last paragraph of his despatch. The rulers of Upper Burma have been persistently misrepresented in certain irresponsible quarters from the beginning of our occupation, and no pains have been spared to disparage the results obtained. The present record may be safely appealed to in vindication of the wisdom and soundness of our administration and of the true progress which is being made, with very moderate establishments, towards the complete pacification of a vast and in great part uncivilized territory.

From MAJOR-GENERAL SIR GEORGE WHITE, K.C.B., V.C., late Commanding the Upper Burma Force, to the Adjutant-General in India.—(No. 1, dated Simla, 6th July, 1889).

Having been directed by His Excellency the Commander-in-Chief in India to furnish a report on the principal military incidents of the last year of my command in Burma, and having now been furnished with copies of the reports submitted by Brigadier-General Faunce, commanding the Chin Field Force, and Captain O'Donnell, commanding the Mogaung Field Force, of the operations of the columns under them, I have the honor to submit the following summary of the work done by the troops in Upper Burma since the 31st March 1888.

2. Up to the 1st April 1888 the troops in Upper Burma had been considered on field service. On that date they were reconstituted, on the ordinary footing, as "The Upper Burma Force."

3. At the close of the trooping season, 1887-88, the garrison of Upper Burma consisted of—

1 Garrison Battery.	4 Battalions of Bengal Infantry.
2 (Bengal) Mountain Batteries	7 " Madras "
3 Battalions of British Infantry.	1 Battalion of Bombay "
1 Regiment of Madras Cavalry.	2 Companies of Madras Sappers.
1 " Hyderabad Cavalry.	1 Company of Burma "

4. During the season the regular garrison had been reduced by the following corps, which returned to India without relief:

1 Mountain Battery (British).	3 Battalions of Bengal Infantry.
1 Battalion of British Infantry.	3 " Bombay "
1 Regiment of Bengal Cavalry.	1 Battalion of Madras "
1 " Bombay "	1 " Hyderabad "

5. This large reduction of the garrison was rendered possible by the organization and arrival in Burma of the Military Police battalions. The troops remaining were

redistributed among the more important places in each district, and a number of posts hitherto held by them were handed over to the Military Police.

6. Brigadier-General Sir R. C. Low, K.C.B., was in command of the troops in Upper Burma from 2nd April to 25th July 1888, during my absence on short leave to England.

7. I now pass on to a brief review of the principal military incidents of the occupation of Upper Burma since April 1888.

April 1888.—Operations in Sagaing, Ava, and Myingyan.

8. Sagaing and Ava were still infested by dacoit bands, the chiefs of which were the virtual rulers of these districts. They organized a system of local government, under which the villagers paid regular assessed sums for the support of these bands. These amounts were regularly paid to the dacoit tax-gatherer, even while the villagers were appealing to our Civil officers for a remission of their more legal revenue, pleading the presence of dacoits as a justification, and the unsettled state of the district. If the people gave intelligence of the dacoits to the troops, or were even suspected of doing so, their treachery to the older established institutions of their district was promptly punished by death. The relatives of the dacoits were constantly on the watch, and an adverse report from them was a death-warrant. This, combined with the systematic murder of village officials who took office under us, created such a reign of terror, that it was for long impossible to get intelligence on which the troops could act, or evidence on which the Civil officers could convict.* The ability, patience, and eventual success with which Colonel (now Brigadier-General) Symons fought this system, step by step, and finally broke it down in the Sagaing district, are on record and have been acknowledged by the Government of India. In the adjoining district of Ava, Captain Knox, of the 4th Hyderabad Cavalry, pursued the same plan, and also achieved a remarkable success. Moveable columns were constantly out in both the Ava and Myingyan districts, during the month of April, in pursuit of Boh Toke and Shwe-Yan. Boh Toke, at last, fell into the hands of a party of the Rifle Brigade Mounted Infantry, under Major Sir Bartle Frere, and was killed.

May 1888.—Operations in Sagaing, the Shan States, Ava, Chin Frontier, and Lower Chindwin.

9. On the 2nd May Myinmu police post, on the banks of the Irrawaddy, in the Sagaing district, was attacked and burnt down by a party of dacoits under Nga-U. The police suffered some loss, and the dacoits got off. No word of warning was conveyed to the police post, although the dacoits had to pass through the village to attack it. In the latter end of April the Shan State of Maukmé, under British protection, had been overrun by Twet-Na-Lu, an aspirant to the Sawbwaship of that State. An expedition consisting of 50 men of the 1st Rifle Brigade and 100 of the 27th Bombay Infantry (Baluchis) left Fort Stedman on the 2nd May to drive out the invader. By a series of rapid marches the troops succeeded in surprising Twet-Na-Lu in the Sawbwa's palace at Mone, which State he had also invaded. He was cleverly captured, with some thirty of his followers. Mr. Scott, the Political Officer, and Lieutenant Fowler, of the Baluchis, specially distinguished themselves on this occasion and received the thanks of the Government of India. The force then moved on to Maukmé and restored order there. Twet-Na-Lu was subsequently shot in an attempt to escape. On the 5th May Lieutenant R. G. LeF. Williamson, commanding a detachment of Mounted Infantry, Royal Munster Fusiliers, and Mr. O'Dowda, of the Military Police, were killed in an engagement with dacoits in the Ava district. On the 9th May news was received that the Chins had invaded the Myittha Valley. They captured Indin, carried off the Kale Sawbwa, and professed their intention of pressing on to Mingin, Kalemyo, and Kalewa. Three columns were despatched to the Myittha Valley by different routes, and arrived within two days of each other. The Chins however had retired to their hills, and it was then impossible to follow them up. During this month disturbances also broke out again in Pagyi, on the right bank of the Chindwin. On the 20th May the police were defeated in an engagement against dacoits. A column under Major Hingston, 10th Bengal Infantry, took the field and restored confidence and order.

June 1888.—Operations in Ava.

10. The month of June passed uneventfully. There was however no cessation of watchfulness; and hard work in pursuit of dacoits was kept up. They found their occupation daily becoming more and more arduous and their field a narrower one. Hunted from point to point, they grew tired of their old pursuits and surrendered in considerable numbers. This was notably the case in the Ava district.

July 1888.—Operations in Shan States, Ava, and Sagaing.

11. On the 12th July a body of Shans and Karens from Sawlapaw's territory of Eastern Karenni attacked Maukmé. Lieutenant Fowler, with 50 Baluchis went against them and defeated them with great loss. This operation was conducted with much promptitude and skill under trying circumstances. The rains had now well set in, but the efforts of the

troops, more especially in Ava and Sagaing, were not relaxed. On the 27th July the celebrated dacoit Boh Shwe-Yan was hunted down in the Ava district by a party of Mounted Infantry, Royal Munster Fusiliers, under Lieutenant Minogue, and killed. This Boh had long been a celebrated leader in the Ava and neighbouring districts, and after his death there was peace.

August 1888.

12. The month of August was uneventful.

September 1888.

13. In September I submitted proposals for further reductions of the regular garrison of Upper Burma, and also plans for three important expeditions which the Chief Commissioner considered to be politically necessary, and which it was proposed to carry out during the winter of 1888-89,—

I.—Against the Siyin Chins.

II.—Against Sawlapaw, the ruler of Eastern Karenni.

III.—Against the rebellious Kachin tribes round and beyond Mogaung.

October 1888.—Operations on Chin Frontier.

14. On the 25th October the Chief Commissioner reported another invasion of the Myittha Valley by Siyin Chins, and asked for troops to occupy it. The 42nd Gúrkha Light Infantry were accordingly ordered to proceed to Sihaung and Kalemyo from the Ruby Mines and Maymyo. During this month also the sanction of the Government of India was accorded to the expedition (No. II) against Sawlapaw.

November 1888.

15. During November the Government of India sanctioned the Mogaung expedition (No. III), and also the measures taken for the security of the Chin Frontier.

December 1888.

16. The month of December was occupied in pushing forward preparations for the three principal expeditions detailed above.

17. At the close of the year 1888 the progress of the interior of the country towards pacification had been most marked. With a few exceptions, the dacoit leaders of note had been hunted into surrender, captured, or killed.

18. Towards the end of December I joined the Chin Field Force, which was under the immediate command of Brigadier-General Faunce.

January 1889.—Operations in the Ruby Mines district.

19. In January 1889 the Ruby Mines district, which had previously been remarkably quiet, became disturbed. The 42nd Gúrkha Light Infantry had been removed from Bernard Myo to the Chin Frontier; and the Military Police force had been weakened by the withdrawal of men to form an escort to Lieutenant Daly, who, as Political Officer was making a tour in the Northern Shan States. About the middle of the month Lieutenant W. T. H. Nugent, 1st Hants Regiment, with a handful of men, made a rash attack upon a band of dacoits about eight miles from Momeit in the Ruby Mines district. Lieutenant Nugent and his party came unexpectedly on a stockade held by the enemy. He and two of the private soldiers of the Hants Regiment were killed and six of the remainder were wounded.

February 1889.—Operations in Meiktila and Bhamo districts.

20. On the 1st February it became necessary to organize a column at Meiktila to act against Yan Nyan and others who had joined him in the jungles round Popa. Major Francis Howard, Rifle Brigade, was named to command, and the troops were detailed from the 4th Battalion Rifle Brigade. The work was well done, and the dacoits' combination was defeated and dispersed. On the 4th February a detachment of Military Police under Mr. Segrave, proceeding towards Sikaw in the Bhamo district, was suddenly fired on from a stockade near Malin. Two policemen were killed and ten wounded. Ten ponies were shot and thirty fell into the hands of the enemy, with the baggage they carried. This proved to be the first overt act of a rebellious movement of some extent the inception of which had escaped attention. A force was promptly put into the field, under command of Captain Smith, R.A., and marched from Bhamo. On the 7th February this column met the enemy strongly posted and stockaded across the road at Malin. After a hard fight, Captain Smith drove the enemy out; but our casualties were heavy: Second-Lieutenant G. R. D. Stoddart, 17th Bengal Infantry, two men of the Hants Regiment, and two sepoys of the 17th Bengal Infantry, were killed; eight men of the Hants and ten sepoys of the 17th Bengal Infantry were wounded. Captain Smith's victory however crushed out the rebellion in the Malin district. Other attempts later on, near Mansi, were met and frustrated by troops sent out from Bhamo.

21. On the 9th March the Officer Commanding at Bhamo reported that a party of dacoits had stockaded themselves at Mansi. A column under Major Spencer, 17th Bengal Infantry, was sent out against them. The rebels attacked this column two miles out of Mansi. The enemy was defeated with loss and three of his stockades demolished. On the 14th of March the dacoits again engaged Major Spencer's force. Twenty of them were killed, a police post was established at Mansi, and the column returned to Bhamo on the 17th. On the 27th March the police post at Mansi was attacked by the same gangs, and the village was burnt. These bands were said to number over 200 men.

March 1889.—Operations in Bhamo district.

22. In consequence of these continued raids on Mansi and its neighbourhood by mixed bands of dacoits, reported to be based on Katran, the stronghold of a Sawbwa, some distance in the interior of the Kachin hills, south-east of Bhamo, the Chief Commissioner asked me to propose a plan for the military defence of that frontier. I accordingly submitted to His Excellency the Commander-in-Chief, Madras Army, who was then at Mandalay, a scheme for throwing a force into Katran, and there dictating terms to the offending tribes. This plan was approved by His Excellency and by Sir Charles Crosthwaite. It has since been carried out under the orders of Major-General Gordon, C.B., who succeeded me in the command of the troops in Upper Burma on the 1st April last.

23. The reports submitted by the officers who commanded in the three principal operations of the past season, referred to in paragraph 13 of this paper, *viz.*,—

Reports of Field Operations.

(I.) The expedition against the Siyin Chins, under Brigadier-General Faunce;

(II.) Operations against Sawlapaw, ruler of Eastern Karenni, under Brigadier-General Collett, C.B.,

(III.) Operations against the rebellious Kachin tribes round and beyond Mogaung under Captain O'Donnell,

are given separately. General Collett's report has already been published. General Faunce's and Captain O'Donnell's reports are herewith submitted, having been very lately received at Army Head-Quarters and having been made over to me, by His Excellency the Commander-in-Chief in India, to be annexed to this report.

24. These expeditions were, one and all, conducted with great ability, energy, and success. The work gone through by the Chin Field Force was quite exceptionally heavy and trying. The troops employed in the Mogaung expedition also had continuous hard work. The task entrusted to Brigadier-General Collett was most successfully concluded, but the operations were of shorter duration.

25. It would make this report too long to enter upon a review of the work gone through by these columns; but I would invite attention to the detailed accounts of the operations given by the officers who commanded the field forces, from which their vast scope and the results attained may be gathered. In the earlier paragraphs of this despatch I have given an outline of other work carried out by the troops in different parts of the province during the last year of my command in Upper Burma. These make up a history of continuous military activity and of difficulties and dangers keenly undertaken by our troops and, almost without exception, conducted to a successful conclusion. In consideration of these services, I have the honor to forward, in a separate letter the names of officers whom I wish to recommend to the special notice of His Excellency the Commander-in-Chief in India.

26. From the nature of the service required for the pacification of Upper Burma, the operations have been worked out in small details and have been long drawn out. This naturally reduces the public interest with which these operations are followed, and has a tendency to detract from the appreciation given to the undoubtedly great work accomplished in the aggregate by the troops. This work has not been carried out without a considerable number of casualties in the field. Losses incurred, one here and another there, are apt to be lost sight of; and in support of the recommendations of officers for service in the field, which I have submitted, I would beg to give the following list of casualties which have been recorded since 1st May 1887 up to 31st March 1889:

Nature of operations and casualties.

	Killed or died of wounds.	Wounded.	Total.
British officers	6	6	12
Native "	2	4	6
British soldiers	10	35	45
Native "	42	97	139
TOTAL	60	142	202

The casualties in a campaign from the results of fatigue and exposure are invariably out of all proportion to the losses from the weapons of the enemy. This has been the case in Upper Burma to even an unusual extent. Over six thousand officers and soldiers have been invalided since November 1885.

* * * * * * * *

General aspect of affairs in Upper Burma and its progress towards pacification.

28. As I have had exceptional opportunities of watching the military operations in Upper Burma since their commencement, in November 1885, until the present time, it may not be out of place if I conclude this report with a few remarks on the general aspect of affairs in that province, and its progress towards peaceful and settled government. The narrative of events with which this report commences is, as I have already said, a story of continuous military activity. To those unacquainted with the previous military and political history of this the newest province of our Eastern Empire, that story may convey an idea of anarchy and lawlessness still rampant throughout its great area. But to those who know the stages through which Upper Burma has passed since our earliest attempts at establishing government, the progress made towards law and order seems most remarkable. It has been too much the view put before the public that we found Upper Burma a peaceful province, and that the dacoity and anarchy revealed later were the after-growth of our occupation. This was not the case. Years of weak yet cruel government, nominally by the king whom we displaced, but actually exercised by the corrupt officials of his court, had deprived the country of all government worthy of the name. Some of the strongest ministers were known to be the patrons of dacoits, from whose ill-gotten gains they did not scruple to swell their incomes. The dacoits, on their part, were glad to pay something to secure immunity from punishment, in the rare cases in which they were brought up. The punishment which the dacoit chief had earned fell, not rarely, on the officer who had arrested him for his temerity and ignorance in interfering with an institution under the scarcely veiled protection of so strong an official as, say, the Taingdar Menghy. The people thus left to themselves fell back upon that panacea of more advanced communities—local government. The villagers grouped themselves together under the leadership of the strongest dacoit chief they could attract to their service, for the protection of their own property and for the acquisition of their neighbours'.

29. We had not been long in Mandalay before we found that though its capture had been easy, yet that the preparation of Upper Burma for the reception of civil government was likely to be a much tougher and more tedious task than any one had anticipated; and it was not until we had forced our way to the Shan Hills on the east, and to the Arakan Yomas on the west, that we had any gauge of the vastness of the system of dacoity which it was our first duty to eradicate. The dacoit leader was in many cases rather the chief and defender of the people in his own immediate circle than the common enemy. Socially he was a hero, not an outcast; and the sympathy of the people was largely with him. As an instance of this, I may cite a case that occurred in the Ava district. A column had attacked a band of dacoits reported in this district and dispersed them, driving away the leader Shwé Yan. This disturbed the offensive and defensive arrangements of the villagers whose chief he was. Greatly to the surprise of our officers, the villagers asked for a military post. This was the last request expected. The explanation given was that they would now be dacoited by the villagers upon whom they had previously preyed. In fact that, as we were the cause of their helplessness, they looked to us for defence. Dacoity was thus an institution of the country. The more enterprising enjoyed it as a pastime combining profit with distinction. A young Burman was not considered to have won his spurs until he had been out once or twice. There was thus at first not only the terrorism which, as we gained ground, became the chief weapon against us, but also a considerable amount of sympathy with and admiration of the calling. This made our task a most difficult one. To introduce the elements of civilized government, we had to protect the weak, in spite of themselves, against the strong.

30. Since that time the military force in Upper Burma has been reduced by four battalions of British Infantry, four regiments of Cavalry, and eighteen battalions of Native Infantry. It may be said that the Military Police have, to a large extent, replaced these regular troops; but, on the other hand, it should be remembered that we have enormously extended the area of our occupation. Until the spring of 1887 we had not entered the Shan States. All this vast country is now under our rule and paying us tribute. Until the spring of 1888 we had not attempted to administer the large country north of Sinbo, on the Upper Irrawaddy, which stretches on the north

to the Kachin Hills beyond Mogaung, and to the jade mines on the west. We had not a soldier in the great Yaw country or along the Chin Frontier until November 1888. We have now subdued the Kachins, ninety miles beyond Bhamo. We have reduced Sawlapaw and his Red Karens to submission on the south-east; and we have established ourselves right in the heart of the Chin Hills to the west. All this has been done while reducing the garrison. A map of Upper Burma is attached to this report on which the principal territories taken within our administration, in 1887 and 1888, are shown coloured. Besides those coloured, other smaller districts have been added to our later responsibilities, increasing the area to over 50,000 square miles,—about the size of England.

31. The operations of last season were nearly all confined to the more remote districts, while the central and more important ones were generally undisturbed. Where disturbances did take place, they were transient outbreaks of dacoity, easily met and rapidly put down. Such periodical and local outbreaks must be expected for some years to come; but they are in very marked contrast to the anarchy which obtained in 1886-87. The operations of the three field forces, to which I have alluded before, were carried out beyond the borders of the country which we had occupied in 1886-87.

32. As a proof of the change that has been worked in what I may call Upper Burma Proper, I would instance the present state of the district in which Brigadier-General Lockhart commanded in 1886-87. But two short years ago he was continuously engaged against strong and organised bands of dacoits. The railway has since been constructed through the heart of this district, and now connects Mandalay, in undisturbed and peaceful communication, with the sea. The bright forecast of Sir Charles Bernard, as to its influence as a pacificator, was more than realised, even during its construction, and its success as a financial venture—a success which, it is patent, could only be secured in a peaceful country—is being verified daily by increasing traffic.

33. Although the general progress made towards happier relations between the people and the system of government introduced by us has been very satisfactory, yet a system of dacoity such as I have described takes long to eradicate thoroughly. The minor military expeditions during the past year sufficiently establish the national tendency of the Burmans to take up arms in season and out of season. It is this tendency that makes a general disarmament of the people so necessary. Arms left in a village for defence will, in nine cases out of ten, sooner or later fall into the hands of some enterprising dacoit leader, or be used by the villager himself for a little venture of his own in some neighbouring district. A Burman living in a district affording opportunities of dacoity looks upon a gun hanging idly in his hut, for defence only, as so much unemployed capital. Where there is no dacoity, arms are not required, and their absence is a safeguard against its reappearance.

34. It has been urged that a disarmed village is at the mercy of dacoits. Experience however shows how often the arms are the special prize of which the dacoits are in search, and how seldom they are used by the villagers to defend themselves. The dacoit leader, when organising his forces, makes his requisitions on the villagers at so many guns. The villagers often fear the consequences of refusal and become compromised. On the other hand, if villagers will help the authorities now constituted by giving the intelligence which is at their disposal, dacoity will be rapidly stamped out. A few hard cases may result from a general disarmament, but individual cases make bad law.

35. With regard to the future. There is still much to be done before the tribes of wild Chins living along the western frontier of Upper Burma can be subdued. They are savages, and must be thoroughly dominated. No other *modus vivendi* need be attempted. Before I gave up the command in Upper Burma a strong military post had been established in the heart of the Chin Hills at Tokhlaing (Fort White). The Siyins and other neighbouring tribes had fought us obstinately, but had, later, owned their inability to cope with us and had opened negotiations. Their advances I believe to be due to the enterprise and activity of the troops. The success attending our occupation of their hills will be in exact proportion to the state of insecurity and unrest which it causes to these tribesmen. Such savages will only own our ascendency while they feel it. The Chins are boastful to a degree, and very prone to overestimate their bravery and power. If the pressure on them is relaxed before our terms are complied with, they will believe their turn has come again; that we are tired of the struggle, and about to give it up. The work entailed on our troops is no doubt very great. The hill paths are mere goat-tracks; and the difficulty of getting from point to point, when shod in ammunition boots, must be experienced to be fairly realized.

A coolie corps composed of suitable hillmen, such as the Kassias, is indispensable; in such a country the troops cannot be otherwise mobilised. Without mobilisation and activity the presence of the troops amongst the Chins will generate familiarity, and they will begin to take liberties. During the rains, movements to any distance may involve too great hardship on the troops to be advisable; but advantage should be taken of intervals of finer weather. Roads should be pushed on as far as practicable, to prove to these tribes that we mean going on. Broad roads should be made everywhere in the immediate vicinity of the posts, to facilitate prompt counter-attacks in the event of the Chins approaching our positions.

36. On our Eastern and South-Eastern frontiers, in the Shan States, the people are more docile, and the topography of the Shan plateaux makes it easier to establish and maintain supremacy over the Shans than over the tribes on our northern and western frontiers.

37. I have the high authority of the Marquis of Dufferin for saying that one of the pleasantest features of the earliest years of our administration in Upper Burma has been the happy relations which have existed between the Civil and Military officers employed on the great work of the pacification of that province. I cannot more fittingly conclude this report than by putting on record my most grateful recollections of the uniform consideration and cordial co-operation which I and the troops under me received, in the first instance from Sir Charles Bernard, and afterwards from Sir Charles Crosthwaite, under whose straight, strong, and energetic administration the hold we have now firmly established on the country is rapidly developing, bringing with it increased security of life and property and consequent happiness to the people, and adding to their material prosperity. The darkest chapters of the early history of British rule in Upper Burma were the legacy of the dynasty which we overthrew in 1885. Soldiers and civilians have since worked together for the common purpose of removing those evils and of giving the advantages of peace and a happier condition of life to the very interesting and attractive people of our newest province.

38. I have ventured to submit this long report, as I have been three-and-a-half years in Upper Burma, in a position to know the many and great difficulties against which the Chief Commissioner has had to contend, and to appreciate the unremitting labor and consideration for the true interests of the people which have characterized every measure introduced by him to meet those difficulties: and I cannot close this paper without expressing the regret with which I have observed the systematic misrepresentation which nearly every act of the local administration has undergone at the hands of a section of the public press.

From MAJOR-GENERAL SIR GEORGE WHITE, K.C.B., V.C., late Commanding Upper Burma Force, to the Adjutant-General in India,—(No. 2, dated Simla, 6th July, 1889).

In accordance with the orders of His Excellency the Commander-in-Chief in India, I have the honor to submit the names of the following General and other officers who rendered specially valuable service to the State during the last year of my command in Upper Burma.

2. *Brigadier-General H. Collett, C.B.*—When I forwarded General Collett's report of the operations against Eastern Karenni, which he personally directed, I invited the Commander-in-Chief's consideration on behalf of this distinguished officer. His previous services are better known to Sir Frederick Roberts than to me; but since he has commanded a brigade in the Upper Burma Force, he has relieved me of all anxiety regarding the conduct of affairs in that part of the province over which he had command.

3. *Brigadier-General E. Faunce.*—Since Brigadier-General Faunce assumed command of the 2nd Brigade I have had ample opportunities of recognizing his high value as an officer. The conduct of the important operations in the Chin Hills fell within the limits of his command; and I cannot speak too highly of the prescience, energy, and success with which he directed them: they have been the most difficult operations of my command in Burma. The Commander-in-Chief knows the value of the services previously rendered by General Faunce at the Head-Quarters of the Madras Army; and I submit his name with confidence to His Excellency for reward.

4. *Brigadier-General G. B. Wolseley, C.B.*, has held the important command of the Mandalay Brigade for two years; and though no field service of the same scope as the Chin and Karenni operations has fallen within his district, he has had numerous smaller affairs to deal with, and has personally directed several of them. Since I left Burma, he has commanded an expedition of considerable importance against the Ponkan Kachins, south-east of Bhamo, the result of which has been very successful and conclusive.

5. The services of *Colonel W. P. Symons*, South Wales Borderers, have been most distinguished and varied. The Chief Commissioner has testified to the great ability which he has shown in the civil administration of some of the most rebellious districts in Upper Burma; and his services as a military commander have proved him an officer of exceptional promise whose advancement would be a benefit to the service.

6. *Colonel H. A. Little, 12th Bengal Infantry*, commanded at the frontier post of Bhamo, where he most successfully organized, in 1887 and 1888 respectively, two important expeditions against the Kachin tribes about and beyond Mogaung. He also met several calls upon him for rapid and determined action against bands of insurgents round Bhamo with promptitude and success.

7. In connection with the Chin Expedition, I would beg to specially recommend the following officers:

8. *Major A. G. B. Ternan*, 44th Gúrkha Light Infantry, was the only staff officer with the Brigadier-General Commanding the Chin Field Force (except departmental staff). Brigadier-General Faunce mentions his services with the highest commendation; and I have much pleasure in supporting his recommendation.

9. *Lieutenant-Colonel C. McD. Skene, D.S.O.*, commanding the 42nd Gúrkha Light Infantry, had been actively employed throughout the former phases of the conquest of Upper Burma, and has distinguished himself again in the Chin Hills by gallant leading and successful command of subsidiary expeditions.

10. *Lieutenant-Colonel C. R. Macgregor*, 44th Gúrkha Light Infantry, has not only commanded his battalion in the above-mentioned operations, but has rendered valuable service, independently, in the suppression of the disturbances round Gangaw; and has proved himself to be a commander of enterprise and resource.

11. *Lieutenant-Colonel A. Clark-Kennedy*, Madras Staff Corps, Commissariat Department, has had charge of the Supply and Transport Departments of the Chin Field Force, and has worked most assiduously in these branches, upon which the success of the expedition largely depended.

12. *Major C. H. Shepherd*, 2nd Battalion Norfolk Regiment, has commanded the British infantry in the Chin Field Force; he has also had command of separate expeditions against the Chin tribesmen, and has proved himself a valuable and zealous officer.

13. *Captain C. H. Westmorland*, 6th Regiment Bengal Infantry, attached to the 42nd Gúrkha Light Infantry, has done particularly good service on several occasions on which he has been selected by Brigadier-General Faunce for commands of importance. I consider him an officer of great promise and worth pushing on in the service.

14. *Lieutenant H. B. H. Wright, R.E.*, was senior officer of the Royal Engineers in the advance to Siyin in the Chin Hills, and rendered invaluable service in road-making, in the erection of stockades, and eventually in providing accommodation for 1,150 troops, with followers, &c., at Tokhlaing (Fort White).

15. *Surgeon I. P. Doyle, I. M. D.* (Madras), distinguished himself much by personal courage and care of the sick. On the 9th December 1888 he was twice wounded. On the 1st January 1889, during the withdrawal from Kan to Gangaw, he again distinguished himself; and it is greatly in consequence of his courage and bearing that the wounded got safely into Gangaw. I commend this officer very specially to the consideration of His Excellency the Commander-in-Chief.

16. The following officers have also well earned mention in this despatch for service in the Chin Hills:

Captain R. H. F. Lombe, 2nd Battalion Norfolk Regiment.

Surgeon-Major A. B. Stranan, 44th Gúrkha Light Infantry.

Second-Lieutenant R. deL. Faunce, 2nd Battalion Oxfordshire Light Infantry, Orderly Officer to the General Officer Commanding.

Surgeon F. A. Rogers, 42nd Gúrkha Light Infantry.

Lieutenant H. V. Campbell, Madras Staff Corps, Deputy Assistant Commissary-General, Transport

Surgeon W. H. B. Robinson, Indian Medical Service, Bengal.

17. I have submitted the names of several officers who have rendered good service with the Chin Field Force, as in that expedition the nature of the work was generally more arduous than in the other expeditions in Upper Burma, and the parts played by individuals were more marked; the service, too, was of longer duration, as a great part of the original field force is still holding Tokhlaing. For details of the arduous nature and of the scope and extent of the operations in the Chin Hills, I invite attention to the report which accompanies this letter.

18. In this connection I must acknowledge the invaluable services rendered to the commander of this column, and to the troops composing it generally, by Major F. D. Raikes, C.I.E., Political Officer with the Force, who did everything in his power to help on the expedition and to meet the requirements of the troops.

19. For specially valuable service with the Mogaung Field Force, I would name *Captain H. O'Donnell*, 44th Gúrkha Light Infantry, Commandant Mogaung Police Battalion, who was entrusted with the command of this column; and though of junior rank, he has justified the selection by discharging the duty entrusted to him with judgment, dash, and success. His command was a large and important one, including two guns of a Bengal Mountain Battery, 50 rifles of the Hampshire Regiment, and the Gúrkha Police Battalion. I recommend him specially for the advancement in the service for which he has proved himself so qualified. The result of his work has been that 98 villages around Mogaung previously in a state of rebellion have formally submitted.

20. Of the other officers with this column, I would beg to mention *Captain R. P. Macdonald*, 1st Battalion Hampshire Regiment. This officer rendered very valuable service in the earlier phases of the campaign when he belonged to the 2nd Battalion Hampshire Regiment. On this occasion he volunteered to serve under his junior officer, Captain O'Donnell, to whom the command of the Mogaung Field Force had been given, rather than lose the opportunity of active service. His excellent service on this and former occasions in Upper Burma deserves special recognition.

21. *Lieutenant T. C. Benson*, Royal Munster Fusiliers, has done very useful work in Burma as Superintendent of Signalling. He volunteered for service at Mogaung with the Police levy, when an officer was required for that work. Captain O'Donnell speaks of his services during the operations round Mogaung in the highest terms. I commend him to the notice of the Commander-in-Chief.

Surgeon C. S. Cronin, Medical Staff, has also earned mention in this despatch by his devotion to duty and care of the wounded.

22. *Lieutenant Charles H. Clements*, Madras Staff Corps, Deputy Assistant Commissary-General, has accompanied columns sent out from Bhamo to Mogaung for two successive years. Colonel Little, commanding at Bhamo, has written in high terms of the value of his assistance in organizing the supply and transport of these expeditions—arrangements upon which their success mainly depended. This year he also acted as Staff Officer to the Officer Commanding the column, who has brought his valuable services to notice.

23. Of the officers named by Brigadier-General Collett for specially good service with the Karenni Expedition, I submit the names of—

24. *Lieutenant M. F. Tighe*, 27th Bombay Infantry. General Collett brings this officer's name very prominently forward, for dashing and most successful leading of the Mounted Infantry throughout the operations, and places him first on his list of recommendations.

25 *Colonel G. C. Sartorius*, commanding the 27th Bombay Infantry, has done valuable service in Upper Burma, especially in the operations during May and June 1888, when the rebel leader TWET-NA-LU was captured, and in the late Karenni Expedition. He is also entitled to special mention as Commandant of the 27th Bombay Infantry, the conduct of which, on every occasion in the field, has earned the highest commendation from all associated with it.

26. *Lieutenant F. J. Fowler*, 27th Bombay Infantry, distinguished himself in July 1888 by driving a superior force of Karens out of their entrenchments. These Karens had invaded the Shan State of Maukmé, which was under British protection. This attack was made on the sole responsibility of this young officer; and the operations, conducted by him during heavy rains and with fever-stricken men, were most successful in their results

27. *Captain F. J. Pink*, 2nd Battalion, The Queen's Regiment, served as Staff Officer to General Collett throughout the Karenni Expedition and has been reported on most highly by that General Officer. He also served under Brigadier-General Lockhart in the former phases of the campaign in Upper Burma, and was equally well reported on by him.

28. I have made the gallant conduct of *Surgeon J. Crimmin, I. M. S.*, with the Karenni Field Force, the subject of a special report and recommendation.

29. The following officers who took part in the Karenni Expedition have also earned mention in this despatch:

Major C. H. B. Norcott, 1st Battalion Rifle Brigade.

Captain F. Beaufort, Royal Artillery.

Lieutenant A. H. Morris, 2nd Battalion Royal Irish Regiment.

Captain H. M. Jackson, Royal Engineers.

30. I would here recommend *Lieutenant-Colonel J. J. Harvey*, South Wales Borderers, for consideration. He commanded the column from Lower Burma, which co-operated with General Collett's column. That General Officer reports that he rendered excellent service.

31. Of officers who have distinguished themselves above their fellows on occasions other than the three field forces previously alluded to, I would mention *Lieutenant C. W. B. Farrant*, Royal Munster Fusiliers, whose continued exertions with the Mounted Infantry in the Sagaing district have done much towards the improved condition of that district.

32. The following officers also deserve mention:

Lieutenant J. O'B. Minogue, Royal Munster Fusiliers.

Captain F. R. B. Knox, 4th Regiment Hyderabad Cavalry.

Lieutenant S. M. Mason, 4th Regiment Hyderabad Cavalry.

Lieutenant H. King, 33rd Bengal Infantry.

Captain E. A. Smith, Royal Artillery, Commanding No. 2 Bengal Mountain Battery.

Major Francis Howard, Rifle Brigade.

Major T. E. Spencer, 17th Bengal Infantry.

Major C. W. J. Hingston, 10th Bengal Infantry.

33. It is now my duty to bring prominently to the notice of the Commander-in-Chief the following officers of the Divisional Staff who have been associated with me in the work in Upper Burma.

34. *Colonel A. B. Morgan, C.B.*, has been my principal Staff Officer for two years, and has during that period rendered me most valuable assistance; his work has been both arduous and responsible, and I cannot speak too highly of the ability, loyalty, and success with which it has been carried out. He is now entering upon the duties of Senior Staff Officer in all Burma, which I venture to class as the most responsible and laborious position of any Staff Officer of similar grading in India; and I hope it may be found possible to recognise his services in Burma by some special mark of His Excellency the Commander-in-Chief's approval.

35. *Major T. P. Cather, D.S.O.*, has been Commanding Royal Engineer in Upper Burma since the 1st April 1888; and in this capacity, as well as when previously Director of Transport, his help and advice have been most useful to me. His great practical experience in many branches of the profession makes him a specially useful officer on field service, and I consider his advancement would be for the benefit of the service.

36. *Captain B. E. Spragge*, D.S.O., Yorkshire Light Infantry, and *Captain G. H. More-Molyneux*, 1st Bengal Infantry, have ably assisted Colonel Morgan as Deputy Assistant Adjutant and Quartermaster Generals. The latter officer has no permanent appointment on the Staff of the Army—a position for which his military education and culture fit him.

37. Lastly, I beg to recommend my Aide-de-Camp *Lieutenant S. C. F. Jackson*, 2nd Battalion Hampshire Regiment, to the consideration of His Excellency the Commander-in Chief. This officer has been both Aide-de-Camp and Secretary to me for three years, and has given me valuable and loyal assistance.

38. I desire to conclude this report by stating that I have confined myself to the mention of those officers who, owing to special opportunity, have earned distinction in the numerous operations which have characterised the service in Upper Burma. I am well aware that there are many others who have had unusually heavy work in their several departments, whose names I have not been able to bring forward.

From CAPTAIN H. O'DONNELL, Bengal Staff Corps, Commanding the Mogaung Field Force, to the District Staff Officer, Burma District,—(No. 26-A, dated Camp Senbo, 19th April, 1889).

In compliance with instructions received, I have the honor to report as follows:

Column leaves Mogaung for Kamein.

1. The column arrived at Mogaung on the 4th January 1889, and on the 8th January I started for Kamein with my fighting column by land, and the garrison for Kamein with all stores and rations by boat. I arrived before Kamein on the 11th January, and after a slight resistance on the part of the rebels who held the village, it was occupied by my force. The same day the boat party arrived.

Kamein occupied on 11th January.

Force detained at Kamein for one month, owing to outbreak of small-pox.

2. After the column left Mogaung and had taken the village of Kamein, which was held by the rebel Lepei tribe, small-pox broke out amongst the Gurkhas of the Mogaung Levy, and I was unable in consequence to leave that place. However, after a delay of one month, I took the responsibility of moving out against the Lepei tribe on the 15th February.

Operations against the Lepei tribe, 30th January to 5th March.

3. On the 30th January, while detained at Kamein, I marched against the village of Hwetom (Lepei) with the detachment of the Hants Regiment, one gun of No. 2 Bengal Mountain Battery, 100 Sikhs, and 40 Gurkhas, by boat. On proceeding some three miles, being fired at occasionally, we came on the village of Hwetom, where shots were exchanged, and then the place was rushed and captured. I returned by boat the same evening to Kamein.

Hwetom taken.

Force leaves Kamein on 15th February.

4. I left Kamein on the 15th February with the following force:

51 of the Hants Regiment . . . Captain R. P. Macdonald.
Lieutenant A. C. Richards.

2 guns of No. 2 Bengal Mount. Battery . Captain R. W. Fadden, R.A.

320 of the Mogaung Levy . . . Lieutenant W. C. Hewett, Hants Regiment.
Lieutenant T. C. Bassett, Royal Munster Fusiliers, Commanding.
Lieutenant W. H. Mennie, Sikh Wars Bodyguard (12th Bengal Infantry).
Mr. Crowder, Inspector of Police.
Lieutenant C. H. Clements, Staff Officer.
Lieutenant L. E. Eden, Assistant Commissioner, Political Officer.
Surgeon C. S. Cronin, Senior Medical Officer.
Mr. Ogle, India Survey Department.

300 Transport animals, with followers, and carried rations.

Three villages taken on 16th.

On the 16th I marched into the hills, and about 10 A.M. took the villages of Khunru and Pawlam, after a running fight for some two miles. I marched on, and at 2 p.m. took the village of Paokor after a short fight. I camped here: distance 9½ miles.

Paowela taken 17th.

5. On the 17th I started with a column, 25 of the Hants Regiment and 100 Mogaung Levy Gurkhas, to take Tangorbum. Before the village, which turned out to be Paowela, I met the enemy strongly stockaded; they had also cut away the road in front. On our approach we were met by volleys and stones rolled downhill on our right. I sent out flanking parties to dislodge the enemy on the hill; this was capitally done, and I ordered the charge on the main road, and after a twenty-minutes' fight we occupied their stockade across the road. I hurried on and captured Paowela, a large village, with unlimited stores of grain, &c.

Tangorbum taken, 18th.

On the 18th, after a difficult march of 6½ miles, I took Tangorbum without any opposition.

Thama, capital of Lepei tribe, taken, 19th.

6. On the 19th I marched with a column for Thama, and after a severe climb of 4½ miles we came out near the village. On arriving at the crest of the hill Lieutenant Eliott, Assistant Commissioner, received a letter, stuck in a stick on the road, from the Thama Sawbwa, in which he said we might come and burn his village; he would do nothing but hide in the jungle, &c. This put us on our guard, and we went on cautiously over the crest and then saw what appeared to me through my glasses a garden paling. I examined it well, but found nothing suspicious about it. However, I ordered the advance with all caution. The Hants were in front, the Gurkhas forming flanking parties in rear. When about 60 yards from the place we could not make out that it was more than a paling, when suddenly we were saluted by a volley from many guns. Three Hants men fell under this badly wounded, but the remainder walked off the road into the jungle and poured in some very steady volleys. The Gurkhas were quickly up on the right flank, and the guns were brought up and two rounds fired at the stockade, and then with a cheer it was rushed and taken, the rebels not waiting. I went on, leaving the rearguard to bring on the wounded. We came before a second stockade; we were again saluted, but no casualties occurred, and one round from a gun and another charge made us masters of this also. In this charge much damage was done us, two officers and 11 rank and file being spiked by bamboo spikes. Captain Macdonald and I were both spiked through the foot. After this no more opposition was met with, and Thama remained in our hands.

Tanikee taken, 20th.

On the 20th I sent a column to take the village of Tanikee, on the hill above us. This it did, meeting with no opposition.

Wawang taken.

7. On the 21st I started for Wawang, took it after a short fight, and went on for Muklôn. Crossing the Tanikee for the last time, we came on a splendidly arranged ambuscade. The advance guard was very heavily fired upon. One naik of No. 2 Bengal Mountain Battery was mortally wounded here. Lieutenant Clements had a bullet through his helmet. I came up as the position was taken, and then we went on for Muklôn, where we were received by volleys, which fortunately did no harm, the Gurkhas in flank doing excellent work. Muklôn was rushed and taken, and found heavily spiked. Lieutenant Hawker, while leading the Hants men, got dangerously spiked in the thigh; also one private of the Hants Regiment, a Native officer of the battery, and some sepoys. I regret to add that Lieutenant Hawker has since died of his wound at Bhamo.

Muklôn taken. Lieutenant Hawker, Hants Regiment, severely wounded by spike; since dead.

Nikumgyi taken, 22nd.

8. On the 22nd I marched against Kumôngyi, which was occupied by 10 a.m., after a little skirmishing. From here I sent Captain Fuller to take the village of Nikumgyi. This village was strongly occupied by the enemy. I halted the column at Kumôngyi. Captain Fuller's advance could be traced through the deep gorge below us by the sound of firing; at 4-30 p.m., after a sharp fight, he got through the gorge, and occupied Nikumgyi.

Force arrives at Nampaung, 23rd.

On the 23rd I marched through this gorge to Nikumgyi, and arrived at Nampaung at 5 p.m.

Wanangyan and Kadôn taken, 2nd March.

On the 2nd March I proceeded against the villages of Kadôn and Wanangyan.

Force returns to Mogaung.

9. I returned to Mogaung in two marches; and on the 6th March proceeded by boat up the Mogaung river against the Pontu Sawbwa. On the morning of the 8th I landed and marched for Pôntu, which we occupied at 8 p.m. No opposition. From here I proceeded against Lashi. I returned to the boats by noon by another road; and the 9th March saw us in Mogaung. I halted on the 9th and 10th, preparing for the expedition against the Ithi tribe.

Expedition by boat against Pôntu, 6th to 9th March.

Laza taken, 7th.

When I marched against Pontu, I ordered Captain Fuller to march against the village of Laza, which was taken on the 7th, without opposition.

Koumba taken.

10. On the 5th March I sent 100 Gurkhas to capture the village of Koumba. This they did by dividing their party into three parts, and taking to the jungle and entering the village from all sides.

Completion of operations against the Lepei tribes.

The above completes the punishments meted out to this tribe. The punishment has been severe.

Operations against the Ithi tribe.

11. The expedition against the Ithi tribe was noted for its heavy marching under a very severe sun and in the plains. As to the opposition met with by the column there was none. While detained in Kamein, Lieutenant Eliott, Assistant Commissioner, was informed that this tribe intended submitting to Government, but would wait and take our expedition against the Lepei tribe as a test case and act accordingly. This they evidently did, for they showed no fight and in fact the enemy was never seen.

Force leaves Mogaung 13th March.

12. I started with the following column from Mogaung,—

44 of the Hants Regiment,
2 guns of No. 2 Bengal Mountain Battery,
340 of the Mogaung Levy,

on the 13th March, and occupied the first Ithi villages, the Shan and Kachin villages of Nyaungbintha. Here I established a police outpost at the Shan village, using all village material for my fort.

Police post established at Nyaungbintha.

13. From camp at Nyaungbintha I sent out columns daily to punish the Ithi villages, and by the 22nd March all had been visited, with the exception of three on Panga hill. On the 22nd March I sent the Hants Regiment detachment back to Mogaung. They were, by order, to be back in Bhamo by the 31st March.

Parties sent out daily to destroy Ithi villages up to 22nd March.

Detachment of Hants Regiment returns to Bhamo 22nd March.

14. I had to remain in Nyaungbintha till the 28th March, to enable the garrison of that place to fortify themselves sufficiently. On the 28th the column left Nyaungbintha, and marched back to Mogaung.

Force detained at Nyaungbintha to fortify post and throw in supplies. Marches back to Mogaung 28th March.

Operations against Lataung tribe. Force leaves Mogaung 1st April to punish the Sana Sawbwa.

15. I started from Mogaung on the 1st April, with the following force, to punish the Sana Sawbwa of the Lataung tribe:

2 guns of No. 2 Bengal Mountain Battery.
260 of the Mogaung Levy.

Sickness in column owing to great heat.

16. Owing to the excessive heat and the necessity of marching long marches through open plains for the sake of water, I had much sickness in this column. From my first camp I had to send back Captain Fuller sick and some 16 sepoys.

On the 4th I marched with one gun and 140 Gurkhas and took Panlang, the Sana Sawbwa's village, consisting of eight houses.

Panlang taken 4th March.

Next day I began my return journey to Mogaung, and arrived there on the 7th April. After seven days' marching we had covered 47 miles, and this, too, under a hot April sun. I had in consequence to give the whole column some days' rest.

Force returns to Mogaung.

17. I come now to the expeditions on the Senbo side. These tribes are situated to the east of Senbo, and to get at them I had to march down to Senbo from Mogaung, a distance of 56 miles by road, and all through the plains. This march was done in six days, and owing to the great heat many of the men were unfit to proceed any further on these expeditions.

Operations against the Maran and Hlegyoman tribes. Column leaves for Senbo 10th April.

I marched from Mogaung on the 10th April with land and river parties, and was able to commence operations against the Maran tribe on the 20th April, with the following forces:

Arrives 15th April. Commences operations 20th April.

2 guns of No. 2 Bengal Mountain Battery.
220 of the Mogaung Levy.

18. On the night of the 20th I camped in the jungle close below the village of Makan, the Maran people's chief village. During the night the Kachins came down and shouted defiance at us for some hours, but did nothing further. On the 21st I marched against this village; had to fight for a mile and a half along the road, taking three stockades *en route*. During this fight my transport for the first time during all these operations was attacked. At 7 a.m. I occupied the village.

Makan taken 21st April.

Pinzun and Lasha taken.

19. On the 22nd I sent a force of one gun and 110 military police under Captain Fuller to take and occupy Malwe and Lwegyo, which was accomplished in the course of the day. At the first village much opposition was met with, and the Kachins actually exchanged shots from their stockade, with *jinjals*, with our gun. The stockade was finally rushed, and was found quite destroyed by the shell fire, though none of the enemy's dead were found. The village of Malwe was seen and found full of men, and was swept with shell fire and volleys. No more opposition was met with.

Malwe and Lwegyo taken.

On the 23rd I returned with the whole column to Senbo. The troops suffered very much, owing to the great heat and rain.

Force return to Senbo, 23rd.

20. I had yet two villages of this tribe to punish,—namely, Mansin and Sekan. These, after giving the men a halt, I visited with a column of 100 police and one gun on the 26th April. I started at 3-45 a.m., and arrived after a hard climb up hill at Mansin at 7 a.m. I left a small party here and went up to the second village of Sekan, where I arrived at 9-30 a.m.

Mansin and Sekan taken, 26th April.

The capture of these two villages completed the punishment of the Maran tribe. I still had the punishment of the tribe concerned in the Hlegyoman dacoity.

Completion of punishment of Maran tribe.

21. At this time I had much sickness amongst my police, and most of the men were completely worn out by the hard work of the two previous months. I could not replace these men with any trained sepoys of the police, so I had to ask for a reinforcement of 100 men from Bhamo. For this purpose I also went down to Bhamo personally, and returned to Senbo on the 29th April, with the following reinforcements for my column:

Operations for punishment of Hlegyoman dacoits.
Owing to sickness reinforcements drawn from Bhamo.

52 all ranks of the 32nd Madras Infantry.
50 all ranks of the Myaung Levy.

Force marches on 1st May.

On the 1st May I started with the following force:

2 guns of No. 2 Bengal Mountain Battery.
52 of the 32nd Madras Infantry.
200 of the Myaung Levy.

22. On the 2nd May I camped below the village of Kawan 2½ miles off. On the 3rd I proceeded against Assin, which was occupied without opposition.

Kawan and Assin taken, 3rd May.

On the 4th I started with a column of one gun, 25 of the 32nd Madras Infantry, and 100 police for the village of Kachaing. Kachaing proved to be further off than was anticipated, and I did not reach it till 9 a.m. The distance was 4½ miles. During the last two miles the enemy proved very stubborn, and fought us the whole way into the village. One sepoy was dangerously wounded. The enemy built no stockades, but kept up a steady fire at us the whole way up from the jungle. The flanking done by the Gurkhas was splendid, and it is entirely owing to their jungle work that I had not more casualties. Kachaing proved to be a magnificent village of forty very large houses.

Kachaing taken, 4th May.

23. I had hardly left the village when the rearguard and both flanks of the column were severely engaged by the enemy from the jungle, and two sepoys were wounded. The whole jungle seemed alive with the enemy, who had a great number of guns. This running fight went on for two miles. Eventually the column returned to camp after one of the hardest day's fighting at 12-30 p.m.

Column attacked on way back from Kachaing.

24. The column arrived at Pakaung at noon on the 5th May. This completes the whole of the operations of the field force under my command.

Column arrives at Pakaung on the Irrawaddy on 5th May and completes its operations.

25. I hope that the work done by the column under my command will meet with the approval of His Excellency the Governor-General in Council, and also of His Excellency the Commander-in-Chief in India.

26. During these operations the column marched over 650 miles, and the Survey Department of India mapped in over 2,000 square miles of ground. The column was almost daily engaged in jungle fighting with the enemy. Two police posts were established,—namely, at Kamein and Nyaungbintha, and each is held by 150 military police. The whole country about here has been much quieted thereby.

Summary.

27. A list of casualties is appended.

NOMINAL LIST OF CASUALTIES IN THE MOGAUNG FIELD FORCE.

Wounded—

Captain H. O'Donnell, Bengal Staff Corps, Commanding the Mogaung Field Force, slightly, at Thama, 19th February, 1889.

1ST BATTALION HANTS REGIMENT.

Wounded—

Captain R. P. Macdonald, bamboo-spiked, foot, slight, Thama, 19th February, 1889.
Lieutenant W. C. Hawker, bamboo-spiked, thigh, dangerous, Muklôn, 21st February, 1889; died at Bhamo, 15th March.
Lieutenant A. C. Richards, spent bullet, slight, Samsagale, 14th March.
No. 1567, Corporal Borst, twice hit in same volley, left shoulder severe and leg slight, 19th February, 1889.
No. 1485, Private Nicholas, thigh, severe, 19th February, 1889.
No. 1919, Private Leveen, leg broken below knee, severe, 19th February, 1889.
No. 1096, Private Pioner, foot, slight.
No. 576, Private Ratt, hand, slight.

NO. 2 BENGAL MOUNTAIN BATTERY.

Killed—

No. 16, Naik Fazil Khan, 21st February, 1889.

Bamboo-spiked—

Jemadar Imam Ali Shah, hand, slightly.
Havildar Nizam-din, foot, slightly.
Havildar Lisar Khan, foot, slightly.
Gunner Abdulad, foot, badly.

32ND MADRAS INFANTRY.

No. 1522, Sepoy Fakir-din, head, gunshot, slight.

MOGAUNG LEVY.

Wounded, gunshot—

No. 336, Sepoy Badhawa Singh, mortally, 23rd March, 1889; died 26th March, 1889.
No. 2294, Sepoy Badhawa Singh, severely, 3rd February, 1889.
No. 26, Sepoy Nihlal Chand, severely, 2nd March, 1889.
No. 157, Sepoy Tikke Singh, slightly, 2nd March, 1889.
Sepoy Lal Singh, slightly, 2nd March, 1889.

Bamboo-spiked—

Lieutenant T. C. Benson, Royal Munster Fusiliers, at Molwè, 22nd April, slight.
Lieutenant W. H. Maunder, 12th Bengal Infantry, at Makan, 21st April, slight.
No. 375, Sepoy Kaya Singh, thigh, severe.
Lance-Naik Basawa Singh, foot, slightly.

TRANSPORT DEPARTMENT.

One driver, dangerously, in chest, by gunshot, not expected to live.
Two mules, gunshot wounds, one *jungled*.
One mule, gunshot wound, bad.

From BRIGADIER-GENERAL E. FAUNCE, Commanding the Chin Field Force, to the District Staff Officer, Burma District,—(No. 305-C-F, dated Fort White, Chin Hills, 25th April, 1889).

I have the honor to acknowledge the receipt of your telegram No. 175, directing me to submit detailed reports of the operations of the Chin Field Force.

2. To take first the Northern Column, with which Major-General Sir George White, K.C.B., V.C., was present from the 29th December to the 8th February 1889.

I arrived at Kambalé with 50 of the 1st Madras Lancers on the 3rd December 1888, and found there 159 rifles of the 42nd Gurkha Light Infantry, two guns and 70 rank and file of No. 1 Bengal Mountain Battery, and 48 rifles of No. 2 Company, Queen's Own Madras Sappers and Miners. One hundred and fifty-eight rifles of the 42nd Gurkha Light Infantry were at Sihaung, two marches south of Kambalé.

I enclose a map by Mr. Kennedy, Survey of India, and will in this report put in brackets after the name of any place the number which it bears on that map.

I found work had been commenced in clearing a track for cart traffic from Kambalé to the foot of the Chin Hills, some twelve miles off, and on the 5th December measures were commenced to collect carts for the transport of rations when the track should be complete. Six miles having been completed, the sappers and 40 rifles of the 42nd Gurkha Light Infantry went out to establish a stockade (No. 11) on the bank of a *nulla* at a point where there was a Chin path leading from the hills. Here

Lieutenant G. Palmer, commanding the Sappers, was mortally wounded on the 7th December by some Chins lying in ambuscade close to the stockade.

The cart-track was continued from No. 1 stockade (No. 11), and on the 10th December I selected a site at the 12th mile for another stockade (12). No. 2 stockade (12) was at first constructed to hold four officers, 150 rifles, and commissariat sheds, and so constructed as to be easily capable of enlargement, as was subsequently done when it became the advanced depôt, whence mule carriage was used. It was occupied on the 13th December, work back towards No. 1 stockade (11) being continued. No. 2 stockade (12) was from time to time fired at by Chins, and continued to be till after the general advance to No. 3 stockade (13).

On the 19th December the mule-track up the hills was commenced, and a reconnaissance some six miles up to Thyetbin Sakan, now called No. 3 stockade (13), was commenced.

On the 22nd December I went from Kambalé (10) and selected a site at an elevation of 3,700 feet for No. 3 stockade (13). Water was found about half a mile from the site, not in any large quantity, but sufficient for the proposed permanent post and, with management, for the larger force that must temporarily occupy it in the advance. A mule-track was made to it.

3. On the 24th December one sepoy of the 42nd Gurkha Light Infantry of the escort covering the working party beyond No. 3 stockade (13) was killed. On the 25th a very determined attack was again made on the working party and escort commanded by Lieutenant G. H. Butcher, 42nd Gurkha Light Infantry. The track here ran along a narrow spur, with heavy tree jungle and close undergrowth all round. The attacking party was estimated at 800 to 1,000 men, and this estimate has been confirmed by information since received from Chins and escaped Burman captives. The attacks came from the front and flanks, while a small party moved round in the jungle and attacked the rear, where the sapper mules and an officer's pony were under charge of some of the 42nd Gurkha Light Infantry. Three mules and a pony were killed.

Lieutenant Butcher, being hampered by the necessity of protecting the coolies of the working party, was unable to take the offensive and charge, and the Chins stood their ground behind trees, &c. for nearly two hours, but were repulsed with a loss of about 40 killed and wounded.

4. On the 10th December Sihaung village and post, also the villages of Kyawywa and Kundu, two and one mile off respectively, were attacked by a large body of Tashôn Chins, said by a wounded Chin to number 1,000, under the leading Tashôn Chief Sônpek and five others.

The attacks on the villages and posts were made simultaneously at about 4 a.m. Some 80 men attacked the camp of the detachment of the 42nd Gurkha Light Infantry, wounding two followers, one of them mortally. Having repulsed this attack, which repulse led to the flight of the Chins attacking Sihaung village, Captain Westmorland, commanding the detachment, went with one party through the jungle to the village of Kyawywa, and coming unperceived within forty yards of the raiders, charged and pursued them for a mile, their loss being not less than twenty killed and many wounded. The Chin tribes appear at this time to have been acting in concert, as on the same date (10th December) Indin, between Sihaung and Kambalé (10), was fired at without result from the left bank of the Myittha, while on the 11th the village of Kangyi, about 24 miles north of Kambalé and held by 50 military police, was attacked by about 60 Chins, probably Kanhows, who were repulsed and pursued.

5. On the 29th December Major-General Sir George White arrived at Kambalé. On the 30th December 53 rifles of No. 2 Company, Queen's Own Sappers and Miners, and 14 rifles of the Burma Sappers, under Lieutenant B. A. James, R.E., joined the force.

On the 1st January I made a further reconnaissance, which Major-General Sir George White accompanied, with 200 rifles of the 42nd Gurkha Light Infantry, from No. 2 stockade (12) to a point about 2½ miles beyond the site selected for No. 3 stockade (13), reaching a point at 5,600 feet, whence a fine view of the hills was obtained. The ascent was continuous and very steep, but it was found to be quite practicable to make a mule-track.

6. On the 16th January the advance was continued to Thyetbin (13), a force under Lieutenant-Colonel Skene, D.S.O., being sent there to construct and occupy No. 3 stockade (13).

From No. 3 stockade (13) the making of the mule-track on was continued. On the 21st January I proceeded to No. 3 stockade (13), being accompanied by Sir

George White; and on the 22nd we proceeded with 50 rifles of the Norfolk Regiment and 190 rifles of the 42nd Gurkha Light Infantry to reconnoitre towards Siyin. The ascent was at first exceedingly steep; it then ran along a long and very narrow ledge with a steep *khad* on the left and precipitous hill on the right, from which the enemy fired as the flanking party advanced on them. The enemy were turned out by the 42nd Gurkha Light Infantry, who had, till quite close to them, to advance in single file. At about five miles Ehsin Sakan, the future site of No. 4 stockade (14), was passed. The track, which only admitted of single file, led round the side of a very precipitous hill with a *khad* on one side. A very strong stockade was placed right across the path; another, built up on the *khad* at an angle to it, commanded a bend in the track; while there was another, which being in heavy jungle, was not seen above the stockade across the path, but was come across by 50 rifles of the 42nd Gurkha Light Infantry, under Lieutenant Butcher, whom I had sent to crown the hill so as to turn the *sangas* on the track. To do so he had to move far round to our right, the hill being impracticable nearer. He therefore first came on the left of the enemy's upper *sanga*, in dislodging them from which one sepoy was killed and one severely wounded. As soon as the flanking party became engaged, the main body advanced to the direct attack and carried the lower *sangas*. One bugler and three sepoys of the 42nd Gurkha Light Infantry were slightly wounded. The ascent, which continued very steep and led through tree-jungle with thick undergrowth, was continued to the Letha range at 8,200, and about eight miles from No. 3 stockade (13). On the return march the *sangas* already alluded to were destroyed, the timber burnt, and the stones thrown down the *khad*.

7. On the same day, 22nd January, the convoy coming up from No. 2 stockade (12) to No. 3 stockade (13) was attacked, one private of the Norfolk Regiment being killed and another slightly wounded.

On the 24th January I went with 50 rifles of the Norfolk Regiment and 125 rifles of the 42nd Gurkha Light Infantry, with the double object of searching for a water-supply at Ehsin Sakan, where No. 4 stockade (14) was to be constructed, and of attacking the village of Mawklin (10), the inhabitants of which had opposed us on the 25th December and the 22nd January.

We reached the village at 11-45 a.m. without any resistance, a few shots being fired from a distance.

On the 25th January I went down to Kambalé (10) to arrange for the rapid supply of rations for the troops in advance, Major-General Sir George White remaining at No. 3 stockade (13).

8. On the 27th January the working party and its escort of 40 rifles of the Norfolk Regiment and 100 rifles of the 42nd Gurkha Light Infantry, under the command of Major Cather, D.S.O., R.E., who had kindly undertaken the superintendence of the road construction, found itself met by a large body of Chins. Major Cather at once sent the working party back to No. 3 stockade (13) and drove back the enemy, who retired slowly, making a stubborn resistance till they reached the stockades first mentioned in paragraph 6, and which had been rebuilt. Here they made a stand. In the meantime Major-General Sir George White, on hearing the firing, had joined the party with 30 rifles of the 42nd Gurkha Light Infantry, and ordered and took prominent part in a charge on the stockades which, as he described to me, was "brilliantly led" by Lieutenant-Colonel Skene, D.S.O. Our loss was extraordinarily small,—only one lance-corporal of the Norfolk Regiment dangerously wounded in the thigh, necessitating subsequent amputation of the leg.

9. On the 31st January, accompanied by Major-General Sir George White, I proceeded at 7 a.m. with the division of No. 1 Bengal Mountain Battery, 98 sappers, 162 rifles of the Norfolk Regiment, and 255 rifles of the 42nd Gurkha Light Infantry, to establish a post, No. 4 stockade (14), at Ehsin Sakan, the greater part of the mule-track to which place had been completed by the sappers. The troops intended for the post were 50 of the Norfolk Regiment, 98 sappers, and 100 rifles of the 42nd Gurkha Light Infantry, under Lieutenant-Colonel Skene, D.S.O. The larger force was taken as it was probable that the *sangas* on the precipitous hill beyond would be rebuilt and occupied. It was found that not only had the stockades destroyed on the 22nd instant been rebuilt, but that several more loopholed *sangas* of very strong profile, some as much as four feet thick, had been carried right across the face of the hill, flanking each other and forming a complete chain of defences. The *sangas* were destroyed, a party of 25 rifles of the Norfolk Regiment and 75 rifles of the 42nd Gurkha Light Infantry, under Captain Lombe, Norfolk Regiment, being placed on the hill above them in a breastwork hastily constructed by the sappers and Gurkhas, while 25 rifles of the Norfolk

Regiment and 25 rifles of the 42nd Gurkha Light Infantry and the sappers, under Lieutenant-Colonel Skene, held the knoll above the water-supply, being assisted by the remainder of the troops in constructing a rough stockade.

10. Leaving 50 rifles of the 42nd Gurkha Light Infantry established in a small stockade on the higher of the two knolls overlooking the water-supply at No. 4 stockade, and in charge of supplies that had on the previous days been pushed on here, the remainder of the force, as per margin, with 170 coolies and mules carrying rations, marched on the 4th February, at 8-15 a.m., for Siyin, accompanied by Major-General Sir George White and Major Raikes, Political Officer. The track led along the northern slopes of the Letha range. At 1 p.m. the highest point to which we went was reached at 8,300 feet. From here the track to Siyin struck off south-west. Before commencing the descent, the enemy fired at us from a *sanga* about 300 yards down. I detached Lieutenant E. J. Lugard, 42nd Gurkha Light Infantry, with a party from the advance guard to a point on the Letha ridge which commanded this *sanga*, from which a volley or two dislodged the enemy, who were pursued as quickly as the difficulties of the descent permitted; but, beyond a few shots, they offered no further resistance.

Norfolk Regiment	5 officers, 176 rifles.
No. 1 Bengal Mountain Battery .	1 officer, 2 guns.
42nd Gurkha Light Infantry .	6 officers, 250 } rifles.
No. 2 Company, Madras Sappers and Miners.	2 do. 91 }

We reached the village of Siyin after a descent of 2,700 feet in about two miles, at 3 p.m. It had been fired by the retreating Chins, only six or seven houses at the top and some twenty at the bottom of the village, out of 200 houses, escaping, but we found large quantities of planks and thatching grass, which enabled us to make some shelter, which was very necessary as the nights were very cold, the thermometer at Siyin (21) standing at 38° at 7 a.m., while at No. 5 (15) the water froze in the men's water-bottles. There was a frost on the ground, and a very strong and biting wind.

11. Having settled on the 5th February to move against the villages of Tokhlaing (22) and Bweman (23) on the other side of the valley, I sent 50 rifles of the 42nd Gurkha Light Infantry on the 6th idem, to No. 5 (15), with instructions to Captain Westmorland to move at 7 a.m. on the 7th from No. 5 (15) north-west for about two miles, and then to turn south-west along the western side of the spur on the eastern slope of which Tokhlaing (22) stands, with instructions to cut off the retreat of the Chins while being attacked by the two small columns operating from Siyin (21). These two columns consisted of 25 rifles of the Norfolk Regiment and 50 rifles of the 42nd Gurkha Light Infantry, under Lieutenant-Colonel Skene, D.S.O., and 75 rifles of the Norfolk Regiment, under Major Shepherd. Lieutenant-Colonel Skene, leaving Siyin (21) at 10 a.m., was instructed to move to the north-west round the head of the valley, parallel with Captain Westmorland's party which however was much in advance of him, and getting above Tokhlaing (22) attacked it, while Major Shepherd's party, which I accompanied, attacked Bweman (23), 25 rifles of it being placed in position on the east side of the valley to cover the ascent of the party up a very steep climb. Both parties, especially Lieutenant-Colonel Skene's, had hard work over very difficult ground. Captain Westmorland's approach was signalled by a shot or two from the Chins, who began to evacuate the villages at once; they however fired a few volleys at him and at Lieutenant-Colonel Skene's party. Major Shepherd's was also fired at, but practically there was little or no resistance.

12. On the 8th February Major-General Sir George White started for Mandalay.

On the 12th February I made a reconnaissance to the south along the spur on which Siyin (21) stands, to ascertain whether the Sagyilain (26) villages could best be reached from Siyin (21) or from Tokhlaing (22) through Bweman (23), and also to look for a permanent post, should one be determined on. I found none, and that the villages in question could much more easily be reached from Tokhlaing (22).

On the 13th the whole force moved across the valley to Tokhlaing (22).

On the 17th February I sent Lieutenant-Colonel Skene, 42nd Gurkha Light Infantry, with 100 rifles of his regiment, 100 rifles of the Norfolk Regiment, and one gun of the 44th Gurkha Light Infantry, to attack the two Sagyilain (26) villages, 90 houses.

All material that might be useful for building purposes having now been removed from Bweman (23), that village (91 houses), which the enemy visited and fired from frequently at night, was destroyed.

13. Having learnt from Major Raikes, C.I.E., that it had been determined to leave a post in these hills for the rest of the year, and having in consultation with him come to the conclusion that our several reconnaissances, north, south, and west, showed this to be the most central position, I selected a site some 400 feet above and to the south-west of Tokhlaing (4,800 feet), which occupied not only so much ground as to make it

necessary to have a large number of men on duty, but was also commanded on three sides, notably from the site where the present post is, which, with the permission of Major-General Gordon, C.B., and the concurrence of the Chief Commissioner, I have called "Fort White." Major Raikes and I considered this a better position than any other we have seen in our several reconnaissances and in our subsequent expedition to the Kanhow country, because here

(i) we are at the western limit of the track occupied by the Siyins, within close touch of all the sites of the villages which we have destroyed, and the rebuilding of which we can from here prevent till they come in;

(ii) to have gone further north into the country occupied by the Kanhows would take us away from that occupied by the Tashôns, while here we have the Kanhows in close touch to the west and north, and are yet within reach of and able to threaten the Tashôns on the south.

The first mule convoy came in on the 27th February. The Sappers also returned to Fort White on the 24th, having completed the track from No. 5 Camp (15).

14. The Force having on the 5th March been reinforced by 150 rifles of the 44th Gurkha Light Infantry, I was able on the 8th March to leave Tôkhlaing (22), accompanied by Major Raikes, with 75 rifles of the Norfolk Regiment under Captain Lombe, 75 rifles of the 42nd Gurkha Light Infantry under Captain Westmorland, and 100 rifles of the 44th Gurkha Light Infantry, including gun detachments and two guns of the 44th Gurkha Light Infantry, under Lieutenant-Colonel Macgregor, with 481 coolies under Surgeon Robinson and Lieutenant Senior, 44th Gurkha Light Infantry, carrying kits and rations for fifteen days. Leaving Tôkhlaing (22), 5,000 feet, at 9 a.m., we marched south-west along the spur, 5,750 feet, on the eastern slope of which that village stands, then turning north-west, made a very precipitous descent of 2,850 feet to a stream, which was reached at 11-25 a.m. While descending, a line of three stone-and-timber breastworks was seen high up on the other side of the valley, one across the track and one at some distance on each side. All were well placed in commanding and the two flank ones in almost inaccessible positions. The ascent even by the path was very steep; but as to follow it would necessitate a front attack up a steep ascent and in face of continuous fire, I made a flank move to our right up an ascent which, being almost perpendicular, caused the men to constantly slip back. Two rounds from one of the guns that had come up landed in their left stockade and caused it to be evacuated, but the enemy continued obstinately to hold the other two, though shells burst over them: as soon however as the main body got on a level with them to their left, they evacuated their position. About 2 p.m. we reached the top, 6,000 feet. Here the ground was open, the track leading by a gradual and easy gradient over three low ridges, each of which the enemy in turn tried to hold, only retiring when the flanking parties endangered their retreat, then along a very narrow ledge leading round the shoulder of a high hill with, at the shoulder, a small spur running south-west with a knoll at a short distance. Here a small party of the enemy had established themselves so as to command the approach along the narrow ledge, which necessitated moving in single file. A charge by a party of the 42nd Gurkha Light Infantry quickly dispersed them. Going north-west along the side of the hill already referred to, we reached and occupied the village of Wunkathé (28) at 3-30 p.m. The rearguard reached camp at 6-30 p.m. Our casualties during the day were one sepoy of the 44th Gurkha Light Infantry dangerously wounded, one havildar of the same corps slightly wounded, and one Native officer of the 42nd Gurkha Light Infantry contused by a ricochet. During the night there was heavy firing into camp.

15. On the 10th March, at 8-45 a.m., I marched for Tsayan (29). The enemy went out of the village in two bodies, one to the north and one to the west over the crest behind the village. Both took up positions behind the crest, while smaller outlying parties remained under cover in front, keeping up a continuous fire, retreating behind the crest as we advanced in two bodies, south and east, as quickly as the steepness of the ascent, 2,020 feet, would permit. They stayed too long here for their own chances of escape. When we got near the crest they were charged by a party of the Norfolk Regiment and the 44th Gurkha Light Infantry. The descent behind their position to the north was so precipitous, that the men could not follow. This they probably counted on, but forgot that the long level and clear space of ground they then had to cross laid them open to effective fire. To the west of the crest, at about two miles off in a direct line, was seen the Nankathé river, about 70 feet wide, towards which both bodies made; that on the west was in more open ground and many were seen to fall to our volleys. Their object was evidently to cover and give time for the flight across the river of their families and cattle, &c., that were seen from the crest passing over. I therefore sent a party of the Norfolk Regiment and

the 44th Gurkha Light Infantry, under Captain Lombe, Norfolk Regiment, after them, leaving another, under Lieutenant Swinton, 44th Gurkha Light Infantry, to move along the crest and cover their return. Captain Lombe had to make a long detour; and seeing the enemy had abandoned their cattle, grain, &c., and most had effected the passage, he fired long-range volleys, which took effect, for those still crossing left the ford and went higher up the river, where some had to swim, while others were up to their arm-pits. Before the party could get down the enemy had dispersed in the ravines.

Our casualties were one sepoy of the 44th Gurkha Light Infantry severely and one havildar of the same regiment slightly wounded. The loss of the enemy was 15 killed and 35 to 40 wounded.

16. On the 12th March, leaving Tsayan (29), 300 houses, which is at 4,900 feet, the force marched for Tigyin (37), general direction throughout being north, beginning with a stiff ascent to 6,000 feet, and then a gradual descent along the western slope of a spur for some three miles. Shortly after large bodies of the enemy were seen to be moving towards us from the village of Tigyin, away on our right, to the point where the track turned to our right. We advanced in extended order, the 42nd Gurkha Light Infantry, under Captain Westmorland, leading. The enemy were found first on our left front. Wheeling up part of the 42nd in that direction, the enemy, who had been firing persistently, were at once charged with great spirit by a party of the 42nd, led by Captain Westmorland and Lieutenant Lugard, who pursued for some distance down the *khud*. In the meanwhile another party of the 42nd, under Subadar-Major Bhola Baja, was engaged with the enemy in our front (Captain Westmorland's right), while a party of the Norfolk Regiment and 44th Gurkha Light Infantry, under Lieutenant G. W. B. Brett of the former regiment, dealt with a third body on our right. These latter had taken up a position in the rearmost of two deep trenches, an old disused defensive work, and they actually crossed over the open space between the two under fire to get nearer: when dislodged they had to cross a wide open space where volleys told with effect. The party under Subadar-Major Bhola Baja drove before them the enemy, who retired slowly through thick jungle, firing persistently till they got on to more open ground west of the village, when they also dispersed down the *khud*, Lieutenant Brett, with a party of the Norfolk men, pursuing them.

Our casualties were one sepoy of the 42nd Gurkha Light Infantry dangerously wounded and one havildar and two sepoys of the same regiment severely wounded, while the loss of the enemy is probably underestimated at 25 killed and 45 to 50 wounded.

Tigyin (37), 5,600 feet, which consisted of about 250 houses, had been fired by the Chins at 2 p.m., but the fire was arrested after about one-third had been burnt by a party sent for the purpose.

17. On the 16th March the force marched north-east for Tanka (40). The village, though deserted, had not been fired; everything was intact. On the 18th March I marched for Welwum (38), opposite to Tigyin (37).

On the 19th March the column started at 8-45 a.m. for the main Letha range. Leaving Welwum, 5,400 feet, the ascent at first was gradual and easy. Continuing along the Welwum (38) spur, we rose to 7,500 feet, where it joins the spur from the Letha range on which Tsayan stands. The ascent then became more and more difficult, through large tracts of forest with high and thick undergrowth till, at 8,300 feet, the spur joined the main Letha range. Here we turned south along the range, through open country rising gradually to 9,025 feet. The troops bivouacked in a basin just below this point, after a very exhausting day's work.

On the 20th March the column left in two parties, following, for about 1½ miles, the same track, the one which I accompanied for Tokhlaing (22) going south and a little west, leaving No. 5 camp (15) well on our left, and having to cut our way through jungle, reaching Tokhlaing (22) at 3 p.m.

The other party of 40 rifles of the 42nd and 70 rifles of the 44th Gurkha Light Infantry, under Lieutenant-Colonel Macgregor of the latter corps, went south-west to the villages of Yon (47), Phonon (49), and Taungwè (50), returning to Tokhlaing (22) on the 22nd March.

18. Early on the 19th April messengers came to say a Tashón Chief, named Bweman, was waiting and was very desirous of having an interview. Having been given full powers to treat, Major Raikes and I at once went out and found the Chief, with 200 armed followers. He was informed that the terms they must accept were—

(1) Surrender of all Burman captives held by the Tashóns.

This he agreed to.

(2) Surrender of all such captives held by Siyin-Sagyilain and Kanton-Kanhow tribes within three months.

He replied that the authority of the Tashôns over these tributary tribes was not so great that he could absolutely promise compliance, but that the Tashôns would summon all the chiefs of those tribes and put pressure on them to comply.

(3) The Tashôn country to be open to all British officials and troops.

This he agreed to.

(4) Surrender of the Shwegyobyu the Pretender Prince, Po Hmi the Mozo Thugyi, and five other rebels.

He said that this condition he had not been authorized to deal with, and that he must lay it before Sónpek and the other chiefs. It had however been mentioned in the letter referred to as having been received by them.

(5) He was then told that if he wished for another interview to communicate to us the result of this consultation, he must come to Fort White, as we would not again come to meet him.

This he agreed to do before the 28th instant. He was told that, failing acceptance of the terms by that date, we should deal with the Tashôns as with the other tribes.

19. The results of our operations have been that all Siyin villages and eighteen Kanhow villages have been captured.

Every opportunity was taken of telling these people we had no wish either to kill them or inflict suffering on them if only they would come in and give up their captives; but they cling to these with a strange pertinacity, and it is only since the severe lesson given to the Kanhows that there have been any signs of submission.

20. To turn to events in the southern section of the Chin Field Force. In consequence of the receipt on the evening of the 28th December of a telegram from the Chief Commissioner, asking that troops might, if possible, be sent to Gangaw, even if the advance into the Chin Hills had to be postponed, orders were at once sent to Brevet-Lieutenant-Colonel Macgregor, 44th Gurkha Light Infantry, at Sihaung, to proceed with all possible despatch to reinforce Gangaw with 171 rifles and two guns of his regiment. He left Sihaung on the 1st January. On the 2nd idem he heard at Legyi that dacoits were lying in ambush a mile further on. He got to their rear with 70 rifles, charged and routed them. Three were killed, probably six more were wounded, and four guns captured. On the 5th his rearguard was fired at without result, and on arriving at Mawklin a considerable number of rebels were seen on the opposite bank of the Myittha, who fired on the advance guard. The river was crossed under fire from the guns; and as the rebels recommenced firing, two rounds of grape were fired, which dispersed them.

On the 6th Lieutenant-Colonel Macgregor marched for Gangaw. Almost a continuous fire was kept up by the rebels on the rearguard. The rebels were found to have taken up a position in breastworks on the opposite side of the Myittha. Three rounds were fired from the guns, while the 44th crossed the river and charged with great spirit up the steep bank, one sepoy being severely wounded. The rebels however kept up a persistent fire on the column till it reached Gangaw. No further casualties occurred. Their loss could not be ascertained.

On the 6th January Major Hingston, with 150 rifles of the 10th Bengal Infantry, 130 rifles of the Lower Chindwin Military Police, and 140 rifles of the Pakôkku Military Police, arrived in the vicinity of Shunshe, about two miles south-west of Gangaw, and finding it was held by rebels, the mounted infantry of the Pakôkku Military Police, under Lieutenant Ivor Philipps, pushed on and, dismounting, attacked the rebels, who at first began a sharp fire, but soon began to retire in face of the advance of the military police, by whom some were killed and some, while escaping, by the rest of the column. Another body of the rebels was holding some *pongyi kyaungs* and pagodas. Firing having been heard at Gangaw, mounted infantry were sent out to join Major Hingston. They were posted north and south of the position to cut off the rebels, while with the remainder of his force he advanced in extended order and charged. Major Hingston estimates the number of rebels at Shunshe at from 200 to 300, of whom 24 were killed. Number wounded not ascertained, and nine were taken prisoners.

21. On the 7th January a party of the 44th Gurkha Light Infantry, under Lieutenant G. R. Row, came across a few dacoits and killed two, while the mounted infantry killed seven.

On the 8th January Captain G. S. Eyre, Deputy Commissioner, having reported that the rebels were in great force at Zahaw, about two miles west of Gangaw, three columns were sent out to surround them; but there were none to be found.

On the 15th January Kan was reoccupied without opposition by a party under Captain G. F. Shaw, Leicestershire Regiment. On the same day three small columns under Lieutenant-Colonel Macgregor, 44th Gurkha Light Infantry, left Gangaw to make a combined attack on a rebel stronghold at Kunzé, twelve miles north-east of Gangaw.

The village of Kunzé, which had been deserted and fired, was occupied on the evening of the 16th by Nos. 2 and 3 parties, which were found there by a detachment of the 33rd Bengal Infantry, under Captain E. M. Nedham, who had come from Saga, and on the 18th by No. 1 party from Myauk-kyaung.

On the 19th January Lieutenant-Colonel Macgregor sent the wounded, under an escort of 46 rifles of the Leicestershire Regiment, 60 rifles of the 33rd Bengal Infantry, and 40 rifles of the Pakôkku Military Police, under Captain Nedham, 33rd Bengal Infantry, to Gangaw, while he himself, with the whole of his detachment of the 44th Gurkha Light Infantry, left for Kan *viâ* Myauk-kyaung, reaching Kan on the 20th; and as, from all he could hear, the bands of rebels and dacoits had been completely broken up and dispersed, he returned to Sihaung.

Since then the Yaw valley has been free of dacoit bands, and has been perfectly quiet.

ROLL OF CASUALTIES, CHIN FIELD FORCE, 1888-89.

CORPS.	Killed.	Dangerously wounded.	Severely wounded.	Slightly wounded.	Remarks.
Royal Engineers	1	...	...	..	Lieutenant G. Palmer.
Norfolk Regiment	1	1	...	2	
Leicestershire Regiment	..	1*a*	1*b*	1	*a* Private Draper, since dead. *b* Lieutenant F. E. Glossop.
10th Bengal Infantry	1	...	...	...	
33rd Bengal Infantry	..	...	...	2	
42nd Gurkha Light Infantry	7*c*	1	7	4	*c* Including one sepoy missing.
44th Gurkha Light Infantry	...	1	2	3	
10th Madras Infantry	10	1	8	4*d*	*d* Including Lieutenant G. M. MacHutchin.
Medical Department	...	...	1*e*	1*f*	*e* Surgeon L. P. Doyle wounded twice—once severely, once slightly.
Transport Department	1	1*g*	1	1	*f* Surgeon W. H. B. Robinson.
Private Followers	1	...	1	...	*g* Since dead.
TOTAL	22	6	21	18	GRAND TOTAL—67.

From LIEUTENANT-COLONEL J. J. HARVEY, South Wales Borderers, Commanding Lower Burma Column, Karen Field Force, to the District Staff Officer, Burma District,—No. 64, dated Moulmein, 14th February, 1889).

I have the honor to report, for the information of the General Officer Commanding, that the column under my command, consisting of 9 British officers, one warrant officer, two Native officers, 100 rifles of the Cheshire Regiment and 100 rifles of the 8th Madras Infantry, left Rangoon on the 11th December, to co-operate from the south with Brigadier-General Collett's force operating from the north into Eastern Karenni, with orders to occupy Bawlakè not earlier than the 7th January.

The column marched on 26th December from Papun, having already sent 50 rifles of the 8th Madras Infantry to Koludo.

The country traversed was as difficult as can be conceived for the transport of troops, elephants being the only animals which could make any progress over the track, which is a narrow path used by elephants (but rarely) going over steep mountains, the ascents and descents being frequently like flights of stairs.

From reports received *en route* the column was expected to be opposed on crossing the Pachaung; but no enemy was visible there.

Telegraphic instructions were received at Pachaung on 2nd January not to advance to Bawlakè further than would admit of the safety of the district, the rear of the column being ensured and flank and line of communication guarded. Knowing that it would be impossible to obtain transport at Papun to enable me to keep open the line of communication, and to arrive at Bawlakè on 7th January, I determined to take and hold Pazaung, and so guard the river and road routes into the Salween district. On arrival at Kemapyu information was confirmed that a force of 400 of Sawlapaw's men were holding Pazaung, reported a strongly stockaded position, and one from which they could descend at any time to raid the district. I marched straight on to Pazaung with 50 Cheshire men, 20 of the 8th Madras Infantry, and 20 Gurkha police, the remainder of the force guarding the baggage. We were evidently not expected so soon, and the steep hill on which the stockade stands was ascended in silence and the place rushed, the garrison not knowing we were near till the men cheered as they charged in through the open gateway. The stockade on the sides and rear was surrounded by thick scrub jungle, and into this the garrison bolted to the hills.

Having communicated with Brigadier-General Collett, C.B., and reported my arrival on 5th January at Pazaung and forwarded him a copy of your telegram dated the 28th December 1888, which would explain to him my non-arrival at Bawlakè on the date ordered, I received instructions from Brigadier-General Collett, C.B., on the 14th January that the column was no longer required in Eastern Karenni, and directing me to use my own discretion in returning to Papun.

On the 16th January the column marched to Pachaung, arriving on the 17th January.

On the 28th January, having received a report from the Deputy Commissioner that the district was quiet, no further raiding anticipated, and that he had recommended that the troops be withdrawn, the column marched for Papun, where it arrived on the 4th February 1889.

The many difficulties which had to be overcome in crossing an almost impracticable country (the men on many occasions being under arms from daylight to dark) were always met in a most cheerful and soldier-like spirit, and the determination and endurance displayed by the men cannot be too highly commended.

From BRIGADIER-GENERAL G. B. WOLSELEY, C.B., Commanding Ponkhan Field Force, to the District Staff Officer, Burma District,—(No. 7-P, dated Mandalay, 24th May, 1889).

I have the honour to submit the following report of the operations of the Ponkhan Field Force up to the date of its return to Bhamo on the 16th May 1889.

2. The instructions conveyed in your No. 127 of the 4th April 1889, and subsequent orders, may be briefly summarised as follows, *viz.*, (*a*) to attack and break up the Ponkhan tribe of Kachins and occupy the Sawbwa's capital; (*b*) to punish the tribe until they submitted to such terms as the Political Officer accompanying the force should dictate; (*c*) to open up a good road from Mansi to the Ponkhan capital; (*d*) to endeavour to open up communication with Lieutenant Daly, Superintendent of the Northern Shan States, at Namkham, and let the presence of the troops be felt in and about the Ponkhan territory.

I.	II.
Southern Column.—Under Captain E. A. Smith, R.A.	*Northern Column.*—Under Major C. H. St. Paul, Rifle Brigade.
2 guns No. 2 Bengal Mountain Battery.	2 guns No. 2 Bengal Mountain Battery.
100 rank and file 1st Battalion, Hampshire Regiment.	150 rank and file 4th Battalion, Rifle Brigade.
100 rank and file 42nd Gurkha Light Infantry.	150 rank and file 17th Regiment Bengal Infantry.
50 rank and file Burma Sappers and Miners.	

3. The troops as per margin were concentrated at Bhamo in two columns on the 14th April 1889.

4. From information received it appeared that there were three practicable roads to Karwan, the capital of the Ponkhan Sawbwa's territory. It also seemed certain that we were expected by the central and shortest of these roads, which had been followed by both the previous expeditions sent against this tribe, both of which expeditions had failed. Furthermore this road was reported to be strongly stockaded and held. The two alternative roads, on the other hand, passed chiefly through friendly tribes and would probably be undefended. I therefore determined to divide my force into two columns and march by the alternative routes on Karwan, opening up communication between that place and Mansi, by returning by the direct road after the occupation of the Sawbwa's capital.

5. I determined to accompany the Southern Column, and we marched from Bhamo to Mansi, the site of a village lately burnt by the Ponkhan Kachins, on the 15th April, leaving orders with Major St. Paul to commence his march on the following morning.

6. On the 16th, after the Southern Column had advanced about two miles from Mansi, the advance guard came upon the enemy in a strong position on both sides of the road, which here ran up the side of a steep hill, densely covered with jungle and bamboos, which completely hid the Kachins from sight. The enemy fired on the advance guard immediately on their approaching the foot of the hills, and some sharp fighting ensued, during which Captain Smith, R.A., was slightly wounded whilst shelling the enemy's position with his guns, and a sepoy of the 42nd Gurkha Light Infantry mortally wounded (since dead). The enemy were driven out of their position, and the troops occupied the heights, along the crest of which the road ran to Pita, the direct road to Karwan running onwards down the opposite side.

7. On the 18th we advanced on Karwan, returning to Warabon, from which place the road to Karwan branched off. A good deal of difficulty was experienced in obtaining guides to show us the way; but we eventually reached the village of Lawkhun, from which Karwan and the other Ponkhan villages were plainly visible on the top of the opposite ridge, across a deep valley. From here we got guides, who took us to the bottom of the valley and pointed out the roads to Karwan, but were unwilling to accompany us further.

The baggage was all left behind under a guard, and the column proceeded against Karwan up an exceedingly steep path, by which we were apparently not expected, as we met with no opposition until the top of the ridge was reached and we actually found ourselves in the village. The people were evidently completely taken by surprise, as our different movements had confused them; and on seeing us advance from Lawkhun, they had supposed that we would attack by a road which passed along the valley and up to the end of the village and had concentrated to oppose us there, but we had left this road by taking the steep path of which mention is made above. On discovering us the people in the village opened fire, and the others at once hurried up from the end of the village to oppose us, but the troops advancing with a rush cleared everything before them, and occupying one point after another with the greatest rapidity, drove the enemy completely off the ridge. The casualties this day were one sepoy of the Burma Sappers and Miners mortally wounded (since dead) and four sepoys of the 42nd Gurkha Light Infantry wounded, one severely.

8. On the 19th the Northern Column arrived, having found the road *viâ* Lèka much longer and more difficult than was expected. They had met with no active opposition on the way, but found the road had been much blocked. In the evening I made a reconnaissance to the Ponkhan village of Neinsin about three miles distant, and met with no opposition; in fact from this time all opposition ceased.

9. On the 20th the whole force, consisting of both columns, moved along the ridge towards Mansi and advanced against the villages of Pantat and Kan, both of which were found to be deserted. We arrived at Mansi without being opposed. The entire distance from Karwan to Mansi is about 15 or 16 miles.

10. On the 23rd the column with supplies had arrived at Kan, and I was in a position to occupy the Ponkhan country as long as should be considered necessary, as the direct road was rapidly being opened up to Mansi, to which place it was reported to be completed on the 30th April.

11. On the 24th the force moved along the ridge to Karwan, where a more extensive site was procurable, and commenced hutting themselves. In the mean time search parties had been and were being continually sent out to scour the Ponkhan country, and bring in or destroy cattle, grain, &c., of that tribe. In this way much damage was done to the Ponkhan Kachins; and the result was undoubtedly the speedy acceptance of the terms of submission imposed by Mr. Shaw, the Deputy Commissioner.

12. Up to the 23rd April no signs of submission had been shown; but on the afternoon of that date a deputation, consisting of the Sawbwa of the Kra village of Washa, with his elders and *pawmaings*, came into Kan to see Mr. Shaw, and undertook to produce within two days all the Ponkhan Sawbwa's *pawmaings* to make their submission. From this date onwards the terms of submission were slowly but steadily carried out until the 10th of May, by which day all the money fine had been paid up, and there only remained 17 guns and one captive to be handed over.

13. As all had been quiet for so long, and as the Kachins seemed to be making submission in earnest, I resolved to push on to Namkham, if possible to do so without entering upon Chinese territory. I resolved to go as far as I could within friendly Kachin limits, and having despatched a letter to Lieutenant Daly, Superintendent, Northern Shan States, by special messenger, I started on the 2nd May with a force of two guns of No. 2 Bengal Mountain Battery, 100 men of the Rifle Brigade and 100

men of the 42nd Gurkha Light Infantry, and proceeded three marches towards Namkham to the village of Namkhai.

Here on the evening of the 5th May I received a reply from Lieutenant Daly to my letter of the 3rd May, informing me that it was sent by the hand of two reliable guides, who would conduct me to Namkham by a circuitous route of three or four marches, avoiding all Chinese territory, and that he considered a small escort, such as I had proposed, *viz.*, 45 rank and file of the Rifle Brigade and 20 rank and file of the 42nd, would be ample.

I accordingly left Namkhai on the morning of the 6th May, sending the remainder of the column back to Karwan. The circuitous route named by Lieutenant Daly proved to be much shorter than anticipated, with the result that we arrived at Namkham on the 7th May.

14. I consider the arrival of the troops from Bhamo at Namkham two days after Lieutenant Daly had arrived with his escort (150 military police) from Lashio was a very happy hit, and no doubt had a good effect upon the people of the district.

15. We started on our return journey on the morning of the 10th May. The next day we marched *viâ* Loilaw and Neinsin to Karwan. This was a long, difficult march, but the troops and transport did well.

16. On arriving at Karwan I found that Mr. Shaw had induced the Ponkhan *pawmaings* to enter into a solemn treaty of allegiance with him, and having accepted a hostage in the person of one of the *pawmaings*, as a guarantee for further compliance with the terms of submission, had returned to Bhamo.

17. On the morning of the 13th I left Karwan for Bhamo. I reached Mansi in the forenoon, and leaving the Gurkhas there, came on to Bhamo in the afternoon. At Bhamo I met Major-General Gordon, and from him I received a telegram from the Chief Commissioner to the effect that the troops might now be withdrawn from Karwan, as a satisfactory settlement had been arrived at with the Ponkhan tribe. The withdrawal of the troops accordingly took place on the 15th, as I had before arranged, and they all marched into Bhamo on the 16th.

18. I trust I have shown that the Major-General's instructions have been successfully carried out and that he is pleased with the result, which happily was accomplished with so little loss of life.

19. I cannot speak too highly of the excellent behaviour of the troops, both British and Native, and of the Military Police. The health of the troops throughout was excellent.

Report by CAPTAIN C. H. WESTMORLAND, 42nd Gurkha Light Infantry, to the District Staff Officer, Chin Field Force,—(dated Fort White, 5th May, 1889).

When Captain Mayne, Norfolk Regiment, was wounded a second time yesterday, the command of the troops detailed in Field Force Order No. 435, dated 2nd May 1889, devolved upon myself. I have the honor therefore to submit the following report of the attack on New Tartan.

2nd Battalion Norfolk Regiment, 65 rifles.
42nd Gurkha Light Infantry, 60 rifles.

2. The column, strength as per margin, left Fort White at 4-40 a.m., and occupied the heights above New Tartan by 9 a.m. without opposition. A covering party of 15 rifles of the Norfolk Regiment and 10 rifles of the 42nd Gurkha Light Infantry had been left at the end of the Siyin spur, as directed in Field Force Orders.

No signs whatever were seen of Chins on the road, and the village was apparently deserted.

Captain Mayne left a small party of the Norfolk Regiment to hold the heights, and ordered the rest of the column to advance on the village, which was some 300 or 400 feet below.

A few men from the advanced guard of both regiments under myself were leading in extended order. Captains Mayne and Donne, with some more men in support, were following closely, and Second-Lieutenant Michel was with the remainder of the men in rear as a main body, with orders to halt above the village.

Whilst descending, a Chin was heard below shouting. Captain Mayne then ordered the main body to advance, and the troops in front began to double, with the intention of rushing the village. On reaching it fire was opened by the Chins, who were very strongly posted in two stockades at the bottom of the village.

Second-Lieutenant Michel, who with a few men descended by the spur to the east of the ravine, came suddenly on the lower of the two stockades, and was mortally wounded by a shot from it. His party halted near where he fell and began firing on the stockade. The rest of the men advanced right up to the upper stockade firing.

3. The upper of the two stockades consisted of a log hut, the sides and roof of which were quite bullet-proof. It was connected with the ravine to the east by a trench about three feet wide and five feet deep and twenty yards long. This trench was covered with logs and planks flush with the ground. The hut itself was surrounded for a distance of five or six yards, with rows of sharp pointed stakes about three feet high. The second stockade was in the bed of the ravine. It consisted of a hole about six feet or nine feet square, from which a trench ran down the ravine

a short distance. Both trench and hole were covered with logs and planks, and were bullet-proof In both stockades there were a few spaces between the logs through which the Chins fired, and the only way in which they could be carried was by pulling away some of the timber. This would take some little time, during which the men working would be in a position of great danger.

4. On the troops reaching the upper stockade, they endeavoured to turn its defenders out by firing through the openings between the logs. This went on for a few minutes, and several men had been hit when the covered-in trench was noticed. It was soon pulled open, and all the Chins inside (some 10 or 12) were shot, some in the trench itself, and others whilst trying to escape by the ravine.

All this time a dropping fire was coming from the lower stockade. The troops had occupied both sides of the ravine, and kept up a steady fire on it and on the end of the trench, from which Chins would every now and then try to escape.

Below the stockade the jungle was very thick, and a large number of Chins had collected in it and were keeping up a heavy but harmless fire.

After a short time Captain Mayne, who had been slightly wounded at the commencement, was severely wounded and was obliged to hand over the command to me. Surgeon LeQuesne, whilst dressing his wounded, was severely wounded himself. Eleven officers and men had been killed and wounded; and as there were only two doolies with the force, I considered it advisable to withdraw to Tartan. I was loth to leave the second stockade, and the men were eager to take it; but carrying it would have probably entailed several more casualties, and I thought we were already sufficiently encumbered with dead and wounded.

5. After the hospital had been removed, I retired slowly to Tartan, burning the village as I left. The column was not followed up by Chins, as has always hitherto been the case. I attribute this to the heavy losses they had suffered, and to the covering party left on the heights. The non-commissioned officer in charge of it stated that there were a large number of Chins in the valley below him, and it was only the presence of his party which kept them off.

The troops reached Fort White by 9-30 p.m., after having been seventeen hours under arms. No men fell out.

6. The enemy's loss I estimate at, at least, 30 killed. Eight bodies were found in the trench of the upper stockade. Several more were lying between it and the lower one, and there was a heap of corpses in the ravine below. They fought with the most determined bravery, and when penned up in the lower stockade answered our shots with shouts and yells of defiance. During the action Captain Mayne ordered the "cease fire" to sound, and through the Interpreter, told them that if they gave themselves up they would not be killed. They replied by a shot, which mortally wounded one of our men.

7. All ranks behaved with great bravery and steadiness. Several men greatly distinguished themselves by their gallantry.

Surgeon LeQuesne was conspicuous for his coolness and gallantry whilst dressing Second-Lieutenant Michel's wound.

8. Our casualties were as follow:

	Total
Killed and died of wounds.	
Second-Lieutenant W. G. Michel and 2 men of the Norfolk Regiment One naik of the 42nd Gurkha Light Infantry	4
Severely wounded.	
Captain O. Mayne, 2nd Battalion, Norfolk Regiment Surgeon F. S. LeQuesne, Medical Staff 4 men of the 42nd Gurkha Light Infantry 1 Kahar	7
Slightly wounded (by panjis)	
3 men of the 42nd Gúrkha Light Infantry	3
GRAND TOTAL	14

This heavy loss I consider was quite unavoidable.

9. The amount of ammunition expended is as follows:

Norfolk Regiment	742 rounds.
42nd Gurkha Light Infantry	763 rounds.

APPOINTMENTS.

COMMISSARIAT DEPARTMENT.

No. 783.—Captain C. C. St. E. Lucas, Deputy Assistant Commissary General, 1st class, to be Assistant Commissary General, 4th class;

Lieutenant G. F. D. Hamilton, Deputy Assistant Commissary General, 2nd class, to be Deputy Assistant Commissary General, 1st class,—

with effect from the 28th July, 1889, *vice* Major E. F. J. DeC. Rennick, Assistant Commissary General, 4th class, deceased.

No. 784.—Lieutenant H. B. Murray, Bengal S. C., 34th Bengal Infantry (Pioneers), to be Deputy Assistant Commissary General, 2nd class, on probation, with effect from the 25th July, 1889.

No. 785.—Lieutenant F. Murray, Bengal S. C., officiating Quartermaster, 20th Bengal Infantry (Duke of Cambridge's Own), to be Deputy Assistant Commissary General, 2nd class, on probation, with effect from the 21st August, 1889.

NATIVE ARMY.

No. 786.—*24th Bengal Infantry*—

Jemadars Asa Singh and Sakt Chand, appointed on probation in G. G. O. No. 592 of 1887, are

confirmed in their rank, with effect from the 13th and 15th August, 1887, respectively.

No. 787.—*1st Battalion, 3rd Gúrkha Regiment*—

G. G. O. No. 959 of 1887, appointing Mohan Singh Sáhi, a Jemadar, on probation, is cancelled.

FURLOUGH AND LEAVE.

No. 788.—The undermentioned officers have been granted extensions of furlough or leave by the Secretary of State for India:

Colonel W. I. Bax, General List, Infantry, (p. a.) for fifty-two days.

Colonel M. Clementi, Bengal S. C., (p. a.) till 11th June, 1890.

Lieutenant-Colonel E. B. Bishop, Bengal S. C., (p. a.) for seven days.

Captain E. H. Rodwell, Bengal S. C., (p. a.) for six months.

PROMOTIONS.

No. 789.—The following promotions are made, subject to Her Majesty's approval:

To be Colonels in the Army.

1st September, 1889.

Lieutenant-Colonel John Mellish Madden, Bombay General List, Infantry.

3rd September, 1889.

Lieutenant-Colonel Duncan George Pitcher, Bengal S. C.

4th September, 1889.

Lieutenant-Colonel Herbert Henry Paterson Cowper, Bengal General List, Cavalry.

Lieutenant-Colonel Christopher George Cautley, Bengal General List, Cavalry.

Lieutenant-Colonel John Salmon Blaxland, Madras General List, Infantry.

Lieutenant-Colonel Samuel Lawrence Bagshawe, Madras General List, Infantry.

COMMISSARIAT DEPARTMENT.

No. 790.—Assistant Commissary and Honorary Captain Cornelius O'Gorman (since retired) to be Deputy Commissary, with effect from the 1st November, 1884.

ORDNANCE DEPARTMENT.

No. 791.—Store-Sergeant John Collinson to be Sub-Conductor, with effect from the 20th June, 1889, *vice* Sub-Conductor F. Ford, seconded.

NATIVE ARMY.

No. 792.—*43rd Gúrkha Light Infantry*—

Jemadar Ran Singh Chhetri to be Subadar, and Havildar Aita Singh Ghale to be Jemadar, *vice* Randal Limbu, transferred to the pension establishment, with effect from the 20th May, 1889.

PUNJAB FRONTIER FORCE.

No. 793.—*2nd Sikh Infantry*—

Havildar Jhanda Singh to be Jemadar, *vice* Natha Singh, transferred to the pension establishment, with effect from the 1st July, 1889.

RETIREMENTS.

No. 794.—Colonel Sir Joseph West Ridgeway, K.C.S.I., C.B., General List, Infantry, has been permitted to retire from the service, with effect from the 27th August, 1889, subject to Her Majesty's approval.

No. 795.—Honorary Captain and Deputy Commissary Alfred Broom Cross, Commissariat Department, is permitted to retire from the service, with effect from the 14th August, 1889.

REWARDS.

ORDER OF MERIT.

No. 796.—The Governor-General in Council is pleased to admit the undermentioned individuals to the 3rd class of the Order of Merit:

42nd Gúrkha Light Infantry.

No. 2754, LANCE-NAICK SINGEH LAMA.—For conspicuous gallantry on the 4th May, 1889, during the attack on New Tartan, Upper Burma, on which occasion he was foremost in dislodging, under fire, a number of the enemy from an entrenched position and subsequently assisted in carrying Second Lieutenant Michel, Norfolk Regiment, (who was mortally wounded) under cover.

No. 2540, SEPOY PARBIR THAPA, and No. 2879, SEPOY SAHABIR THAPA.—For conspicuous gallantry on the same occasion, in having, while under fire, assisted Surgeon LeQuesne in dressing the wound of Second Lieutenant Michel, and subsequently in carrying the latter under cover.

No. 2461, SEPOY MATBAR CHATTRI.—For conspicuous gallantry on the same occasion, in keeping up a hot fire, from an exposed position, on the enemy in the stockade, a few yards distant, with the object of drawing off the fire of the enemy from Surgeon LeQuesne, who was dressing the wounds of Second Lieutenant Michel.

No. 2781, SEPOY MANI NARAYAN THAPA.—For conspicuous gallantry on the same occasion, in having, under a heavy fire, assisted in carrying away the body of a British soldier from the vicinity of the stockade.

No. 2333, NAICK UMAR SINGH RANA, and No. 2872, SEPOY CHANDRABIR GHARTI.—For conspicuous gallantry on the same occasion, in having, while under fire, carried a wounded comrade under cover.

No. 513, THIRD GRADE HOSPITAL ASSISTANT MUHAMMAD MASHAF ALI.—For conspicuous gallantry on the occasion above referred to, in having, while under fire, assisted Surgeon LeQuesne in dressing the wound of Second Lieutenant Michel.

VOLUNTEER CORPS.

APPOINTMENTS.

No. 797.—*Agra Volunteer Rifle Corps*—

Mr. Alan Cadell to be Major-Commandant, *vice* Reynolds, resigned.

No. 798.—*4th Administrative Battalion, North-Western Provinces Volunteers*—

Second Lieutenant E. Layton, Royal Welsh Fusiliers, to be Adjutant, with effect from the 6th May, 1889, *vice* Lieutenant R. H. Twigg, resigned.

G. G. O. No. 545 of 1889 is cancelled.

PROMOTIONS.

No. 799.—*East Indian Railway Volunteer Rifle Corps*—

Lieutenant-Colonel David Wilkinson Campbell, C.I.E., and Lieutenant-Colonel Noblett St.

Leger Carter, having each completed twenty years' commissioned service, are granted the honorary rank of Colonel.

RESIGNATIONS.

No. 800.—*Mussoorie Volunteer Rifle Corps*—

Captain R. F. Springett and Lieutenant J. W. W. Welsh resign their commissions.

MARINE DEPARTMENT.

FURLOUGH AND LEAVE.

No. 42.—The undermentioned officers of the Indian Marine have been granted extensions of furlough or leave by the Secretary of State for India:

Captain E. Bishop, Port Officer, Aden, (m. c.) for six months.

First grade officer G. A. Lye (m. c.) for two months.

First grade officer W. H. Crozier (m. c.) for six months.

E. H. H. COLLEN,
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Simla, the 6th September, 1889.

Under Clause 25 of the Regulations appended to the Regimental Debts Act of 1863, it is notified that reports of the deaths of the undermentioned Commissioned Officers on the dates specified were received in the Military Department between the 31st August and the 6th September, 1889:

Corps.	Rank and Names.	Date of Decease.	Place of Decease.	Testate or Intestate.	Remarks.
Bengal Staff Corps	Lieutenant J. D. Perkins	22nd August 1889.	Sialkot.		
General List Infantry	Lieutenant-Colonel H. P. Kirke.	23rd August 1889.	Jalapahar.		
General List Infantry	Lieutenant-Colonel W. F. Dodsworth.	24th August 1889.	Dinapore.		

Statement of Deposits on account of Estates between the 24th August and the 6th September, 1889.

On whose account.	Rank.	Corps.	Date of Decease.	Testate or Intestate.	Total unclaimed amount deposited.	Amount paid in India.	Date to which claims will be received.
					Rs. a. p.		
James George Kinahan. (a)	Second Lieutenant.	2nd Battalion, Royal Irish Regiment.	28th May, 1889.	Intestate	131 14 9	...	5th November, 1889.

(a) *Next-of-kin*—Father—(Christian name not known) Kinahan, Esq., Low Wood, Nr. Belfast, Ireland.

E. H. H. COLLEN,
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 31st August, 1889.

No. 267.—Mr. F. W. Vyall, Assistant Engineer, 1st Grade, Irrigation Branch, Punjab, is transferred to Burma, for employment on Provincial Works.

The 2nd September, 1889.

No. 268.—Mr. St. J. Hewitt, Executive Engineer, 4th Grade, *temporary rank*, Rajputana, temporarily employed in the Railway Branch, is transferred permanently to State Railways.

No. 269.—Mr. H. J. Oddie, Executive Engineer, 3rd Grade, sub. *pro tem.*, State Railways, attached to the Establishment under the Government of Bengal, is transferred to that under the Government of Madras, for employment on Railways in that Presidency.

The 6th September, 1889.

No. 270.—The services of Mr. H. Irwin, C.I.E., Superintending Engineer, 3rd Class, *temporary rank*, Officiating Superintending Engineer and Secretary to the Agents to the Governor-General for Rajputana and Central India, are placed at the disposal of the Government of Madras for employment as Consulting Architect to that Government.

No. 271.—Colonel S. S. Jacob, B.S.C., Executive Engineer, 1st Grade, Rajputana, employed under the Jeypore State, is appointed to officiate as Superintending Engineer and Secretary to the Agents to the Governor-General for Rajputana and Central India, in addition to his own duties, during the absence of Lieutenant-Colonel Marshall, R.E., on furlough, or until further orders.

No. 272.—The Governor-General in Council is pleased to order the following promotions and reversions of Executive and Assistant Engineers attached to State Railways, with effect from the dates specified:

Names.	From	To	Nature of promotion.	With effect from
Monies, W.	Executive Engineer, 3rd Grade, sub. *pro tem.*	Executive Engineer, 4th Grade, sub. *pro tem.*	...	24th April, 1889.
Tickell, J. R.	Executive Engineer, 4th Grade, sub. *pro tem.*	Assistant Engineer, 1st Grade.	...	24th April, 1889.
Routh, R. S. J.	Assistant Engineer, 1st Grade.	Executive Engineer, 4th Grade.	Permanent	1st June, 1889.
Monies, W.	Executive Engineer, 4th Grade, sub. *pro tem.*	Executive Engineer, 3rd Grade.	Sub. *pro tem.*	6th June, 1889, *vice* Mr. Campbell, on furlough.
Tickell, J. R.	Assistant Engineer, 1st Grade.	Executive Engineer, 4th Grade.	Sub. *pro tem.*	6th June, 1889.
Shadbolt, E. J.	Executive Engineer, 3rd Grade.	Executive Engineer, 2nd Grade.	Sub *pro tem.*	8th June, 1889, *vice* Mr. Baxter, on furlough.
DeBrath, S.	Executive Engineer, 4th Grade, sub. *pro tem.*	Executive Engineer, 3rd Grade.	Sub. *pro tem.*	18th June, 1889.
Nixon, G. T. St. A.	Executive Engineer, 4th Grade, *temporary rank.*	Executive Engineer, 4th Grade.	Sub. *pro tem.*	18th June, 1889.
Newham, W. E.	Executive Engineer, 4th Grade, sub. *pro tem.*	Executive Engineer, 3rd Grade.	Sub. *pro tem.*	28th June, 1889, *vice* Mr. DeBrath, on furlough.
Elliot, E. C.	Executive Engineer, 4th Grade, *temporary rank.*	Executive Engineer, 4th Grade.	Sub. *pro tem.*	28th June, 1889.
Keelan, E. J.	Executive Engineer, 2nd Grade, sub. *pro tem.*	Executive Engineer, 2nd Grade.	Permanent	10th July, 1889.
Smith, Major S., R.E.	Executive Engineer, 3rd Grade.	Executive Engineer, 2nd Grade.	Sub. *pro tem.*	10th July, 1889.
MacIvor, C. V.	Executive Engineer, 1st Grade, sub. *pro tem.*	Executive Engineer, 1st Grade.	Permanent	10th July, 1889.
List, G. H.	Executive Engineer, 1st Grade, sub. *pro tem.*	Executive Engineer, 1st Grade.	Permanent	10th July, 1889.
Oldham, A. J.	Executive Engineer, 2nd Grade, sub. *pro tem.*	Executive Engineer, 2nd Grade.	Permanent	10th July, 1889.
Hodson, C. W.	Executive Engineer, 2nd Grade, sub. *pro tem.*	Executive Engineer, 2nd Grade.	Permanent	10th July, 1889.
Selby, Major H. O., R.E.	Executive Engineer, 2nd Grade, sub. *pro tem.*	Executive Engineer, 2nd Grade.	Permanent	10th July, 1889.
Bickerton, C. H. C.	Executive Engineer, 4th Grade.	Executive Engineer, 3rd Grade.	Permanent	10th July, 1889.
Chabrel, M. J.	Executive Engineer, 3rd Grade, sub. *pro tem.*	Executive Engineer, 3rd Grade.	Permanent	10th July, 1889.
Haig, W. S.	Assistant Engineer, 1st Grade.	Executive Engineer, 4th Grade.	Permanent	10th July, 1889.
Gilchrist, W. G.	Executive Engineer, 2nd Grade.	Executive Engineer, 1st Grade.	Sub. *pro tem.*	10th July, 1889.
Hebbert, F. B.	Executive Engineer, 3rd Grade.	Executive Engineer, 2nd Grade.	Sub. *pro tem.*	10th July, 1889.
Newham, W. E.	Executive Engineer, 3rd Grade, sub. *pro tem.*	Executive Engineer, 4th Grade, sub. *pro tem.*	...	10th July, 1889.
Nixon, G. T. St. A.	Executive Engineer, 4th Grade, sub. *pro tem.*	Executive Engineer, 4th Grade, *temporary rank.*	...	10th July, 1889.
Tickell, J. R.	Executive Engineer, 4th Grade, sub. *pro tem.*	Assistant Engineer, 1st Grade.	...	10th July, 1889.
Bennett, H. W.	Assistant Engineer, 1st Grade.	Executive Engineer, 4th Grade.	*Temporary*	13th July, 1889.
Phillips, H.	Assistant Engineer, 1st Grade.	Executive Engineer, 4th Grade.	*Temporary*	27th July, 1889.
Killick, C. S.	Assistant Engineer, 1st Grade.	Executive Engineer, 4th Grade.	*Temporary*	27th July, 1889.

No. 273.—His Excellency the Governor-General in Council having sanctioned a survey to be undertaken of a line of Railway from Bezvada to Cuttack, is pleased to place the same under the control of the Government of Madras; and to appoint Mr. F. B. Walker, Superintending Engineer, 2nd Class, to be Engineer-in-Chief of the project. The project will be known as the East Coast Railway Survey.

No. 274.—The services of the Honourable L. M. St. Clair, Executive Engineer, 3rd Grade, Central Provinces, temporarily employed in the Punjab, are placed at the disposal of the Foreign Department, with effect from the 6th September, 1889.

R. C. B. PEMBERTON, *Colonel, R.E.*,
Secretary to the Government of India.

The Gazette of India.

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SIMLA, SATURDAY, SEPTEMBER 7, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART IV.

Acts of the Governor General's Council assented to by the Governor General.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

The following Act of the Governor-General of India in Council received the assent of His Excellency the Governor-General on the 4th September, 1889, and is hereby promulgated for general information:

ACT NO. XII. OF 1889.

An Act to amend the Indian Merchandise Marks Act, 1889.

WHEREAS it is expedient to enable Local Governments to permit piece-goods to be imported at any time before the first day of November, 1889, without having their length stamped thereon in standard yards, or in standard yards and a fraction of such a yard; It is hereby enacted as follows:—

Power for Local Government to temporarily suspend operation of section 18, Act VII, 1878, as regards piece-goods.

1. (1) The Local Government may in its discretion, and either absolutely or subject to conditions, declare that the provisions of section 18 of the Sea Customs Act, 1878, as amended by section 10, sub-section (2), of the Indian Merchandise Marks Act, 1889, shall, as regards any piece-goods mentioned in the declaration, be deemed to be in abeyance up to, and inclusive of, the thirty-first day of October, 1889. VII of 1878. IV of 1889.

(2) The Local Government may delegate to a Chief Customs-officer or other officer appointed by it in this behalf the power conferred upon it by sub-section (1).

S. HARVEY JAMES,

Secretary to the Government of India.

The Gazette of India.

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PART V.

Bills introduced into the Council of the Governor General of India for making Laws and Regulations, or Reports of Select Committees presented to the Council.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

The following Bill was introduced into the Council of the Governor-General of India for the purpose of making Laws and Regulations on the 4th September, 1889:

No. 13 of 1889.

A Bill to amend the Indian Forest Act, 1878, the Burma Forest Act, 1881, and the Upper Burma Forest Regulation, 1887.

II of 1878. IX of 1881. I of 1887.

Whereas it is expedient to amend the Indian Forest Act, 1878, the Burma Forest Act, 1881, and the Upper Burma Forest Regulation, 1887: It is hereby enacted as follows:—

Title and commencement.

1. (1) This Act may be called the Forest Act, 1889: and

(2) It shall come into force at once.

Indian Forest Act, 1878.

II of 1878. Amendment of section 2, Act VII, 1878.

2. (1) For the definition of "Tree" in section 2 of the Indian Forest Act, 1878, the following shall be substituted, namely:—

New.] "'Tree' includes bamboos, stumps, brushwood and canes:".

(2) For the definition of "Timber" in the same section the following shall be substituted, namely:—

Regulation I, 1887, s.] "'Timber' includes trees when they have fallen or been felled, and all wood, whether the wood is in log or has been shaped or hollowed, or been converted into charcoal, or been applied to any other use:".

Regulation I, 1887, s.] (3) For the definition of "Forest-produce" in the same section the following shall be substituted, namely:—

"'Forest-produce' includes—

(a) trees, and timber, caoutchouc, catechu, wood-oil, resin, varnish, bark, leaves, flowers and fruits, and all other parts or produce of trees; and

(b) the following when found in, or brought from, a forest; that is to say:—

(i) plants not being trees, and all parts or produce of such plants,

(ii) animals, and skins, tusks, horns, silk, honey, wax and lac, and all other parts or produce of animals, and

(iii) peat, surface-soil, rock, and minerals (including mineral oils and all products of mines or quarries):".

Amendment of section 4, Act VII, 1878.

3. For clause (b) of section 4 of the said Act the following shall be substituted, namely:—

"(b) specifying as nearly as possible the situation and limits of such land; and". [Act XIX, 1881, s. 6, and Regulation VI, 1887, s. 4.]

Addition to section 5, Act VII, 1878.

4. To section 5 of the said Act the following proviso shall be added, namely:—

"Provided that nothing in this section shall be deemed to prohibit any act done with the permission in writing of the Forest Settlement-officer, or any clearings lawfully made for shifting cultivation by persons in the habit of practising such cultivation on such land." [Act XIX, 1881, s. 8, and Regulation VI, 1887, s. 6.]

Addition of new section after section 9, Act VII, 1878.

5. After section 9 of the said Act the following section shall be inserted, namely:—

Treatment of claims relating to practice of shifting cultivation.

"9A. (1) In the case of a claim relating to the practice of shifting cultivation, the Forest Settlement-officer shall record any local rule or order under which such practice is allowed or regulated, or, if no such rule or order exists, shall make an order specifying the particulars [Act XIX, 1881, s. 11, & Regulation VI, 1887, s. 9.]

of the claim, and permitting, or refusing to permit, such practice wholly or in part.

"(2) If such practice is permitted wholly or in part, the Forest Settlement-officer may—

(a) alter the limits of the land under settlement so as to exclude land of sufficient extent, of a suitable kind, and in a locality reasonably convenient for the purposes of the claimants, or

(b) cause certain portions of the land under settlement to be separately demarcated, and give permission to the claimants to practise shifting cultivation therein under such rules and conditions as he may prescribe.

"(3) No absolute right to practise shifting cultivation shall be deemed to be conferred by any such local rule or order as is referred to in sub-section (1), or by any order made by the Forest Settlement-officer under that sub-section permitting such practice; and, except with the previous sanction of the Local Government, such cultivation shall only be practised by the persons to whom such permission is granted."

[Regulation VI, 1887, Chaps. V and VI.]

Amendment of Chapters VII and VIII, Act VII, 1878.

6. (1) In the heading of Chapter VII of the said Act, for the words "OF THE DUTY ON TIMBER" the words "OF THE DUTY ON TIMBER AND OTHER FOREST-PRODUCE" shall be substituted.

(2) In section 39, after the word "timber" in both places where the word occurs, the words "or other forest-produce" shall be inserted.

(3) In clause (a) of section 41 of the said Act, for the words "and other" the words "or other" shall be substituted.

Amendment of section 67, Act VII, 1878.

7. For the first paragraph of section 67 of the said Act, beginning with the words "The Local Government" and ending with the words "as estimated by such officer," the following shall be substituted, namely:—

"The Local Government may from time to time, by notification in the local official Gazette, empower any Forest-officer by name, or as holding an office,—

(a) to accept from any person against whom a reasonable suspicion exists that he has committed any forest-offence, other than an offence under section 61 or section 62, a sum of money by way of compensation for any damage which may have been committed or for the evasion or attempted evasion of the payment of any money which would, if not paid when due, be recoverable under this Act as if it were an arrear of land-revenue, and

(b) to release any property which has been seized as liable to confiscation on payment of the value thereof as estimated by such officer:

Provided, with respect to clause (a), that the sum of money to be accepted by way of compensation may extend to, but shall not exceed, ten times the value of the forest-produce which has been damaged, or ten times the amount of the money of which the payment has been evaded or attempted to be evaded."

Addition of new section after section 83, Act VII, 1878.

8. After section 83 of the said Act the following section shall be added, namely:—

Recovery of penalties due under bond.

"84. When any person, in compliance with any rule under this Act, binds himself by any instrument to perform any duty or act, such duty or act shall be deemed to be a public duty or an act in which the public are interested, as the case may be, within the meaning of section 74 of the Indian Contract Act, 1872, and upon breach of the condition of such instrument the whole sum mentioned therein as the amount to be paid in case of such breach may be recovered from him as if it were an arrear of land-revenue." [Act I of 1872, s. 25.] IX of 1872

Burma Forest Act, 1881.

Amendment of section 3, Act XIX, 1881.

9. (1) For the definition of "tree" in section 3 of the Burma Forest Act, 1881, the following shall be substituted, namely:— XIX of 1881

"'tree' includes bamboos, stumps, brushwood and canes:". [New.]

(2) For the definition of "timber" in the same section the following shall be substituted, namely:—

"'timber' includes trees when they have fallen or been felled, and all wood, whether the wood is in log or has been shaped or hollowed, or been converted into charcoal, or been applied to any other use:". [Regulation VI, 1887, 2.]

(3) For the definition of "forest-produce" in the same section the following shall be substituted, namely:— [Regulation VI, 1887, 2.]

"'forest-produce' includes—

(a) trees, and timber, caoutchouc, catechu, wood-oil, resin, varnish, bark, leaves, flowers and fruits, and all other parts or produce of trees; and

(b) the following when found in, or brought from, a forest; that is to say—

(i) plants not being trees, and all parts or produce of such plants,

(ii) animals, and skins, tusks, horns, silk, honey, wax and lac, and all other parts or produce of animals, and

(iii) peat, surface-soil, rock and minerals (including mineral oils and all products of mines or quarries):".

Amendment of Chapters V and VI, Act XIX, 1881.

10. (1) In the heading of Chapter V of the said Act, for the words "OF THE DUTY ON TIMBER" the words "OF THE DUTY ON TIMBER AND OTHER FOREST-PRODUCE" shall be substituted. [Regulation VI, 1887, Chaps. V and VI.]

(2) In sections 39, 41 and 42, after the word "timber", wherever it occurs, the words "or other forest-produce" shall be inserted.

(3) Throughout section 43, after the word "timber", except in the first paragraph where the word first occurs and in clauses (e), (i), (l) and (m), the words "or other forest-produce" shall be inserted.

Amendment of section 66, Act XIX 1881.

11. For the first paragraph of section 66 of the said Act, beginning with the words "Any Forest-officer specially empowered in this behalf" and ending with the words

"as estimated by such officer", the following shall be substituted, namely:—

"Any Forest-officer specially empowered in this behalf—

(a) may accept from any person reasonably suspected of having committed any forest-offence, other than an offence under section 61 or section 62, a sum of money by way of compensation for any damage which may have been committed or for the evasion or attempted evasion of the payment of any money which would, if not paid when due, be recoverable under this Act as if it were an arrear of land-revenue, and

(b) where any property has been seized as liable to confiscation, may release the same on payment of the value thereof as estimated by such officer:

Provided, with respect to clause (a), that the sum of money to be accepted by way of compensation may extend to, but shall not exceed, ten times the value of the forest-produce which has been damaged, or ten times the amount of the money of which the payment has been evaded or attempted to be evaded."

Addition of new section after section 80, Act XIX, 1881.

12. After section 80 of the said Act the following section shall be added, namely:—

Recovery of penalties due under bond.

"81. When any person, in compliance with any rule under this Act, binds himself by any instrument to perform any duty or act, such duty or act shall be deemed to be a public duty or an act in which the public are interested, as the case may be, within the meaning of section 74 of the Indian Contract Act, 1872; and upon breach of the condition of such instrument the whole sum mentioned therein as the amount to be paid in case of such breach may be recovered from him as if it were an arrear of land-revenue."

1878, 1872.

Upper Burma Forest Regulation, 1887.

Amendment of section 2, Regulation VI, 1887.

13. (1) For the definition of "tree" in clause (2) of section 2 of the Upper Burma Forest Regulation, 1887, the following shall be substituted, namely:—

1887.

"(2) 'tree' includes bamboos, stumps, brushwood and canes:".

(2) For the definition of "timber" in clause (3) of the same section the following shall be substituted, namely:—

"(3) 'timber' includes trees when they have fallen or been felled, and all wood, whether the wood is in log or has been shaped or hollowed, or been converted into charcoal, or been applied to any other use:".

(3) For the definition of "forest-produce" in clause (4) of the same section the following shall be substituted, namely:—

"(4) 'forest-produce' includes—

(a) trees, and timber, caoutchouc, catechu, wood-oil, resin, varnish, bark, leaves, flowers and fruits, and all other parts or produce of trees; and

(b) the following when found in, or brought from, a forest; that is to say—

(i) plants not being trees, and all parts or produce of such plants,

(ii) animals, and skins, tusks, horns, silk, honey, wax and lac, and all other parts or produce of animals, and

(iii) peat, surface-soil, rock and minerals (including mineral oils and all products of mines or quarries):".

Amendment of section 62, Regulation VI, 1887.

14. For sub-section (1) of section 62 of the said Regulation the following shall be substituted, namely:— [Act XIX, 1881, s. 66.]

"(1) Any Forest-officer specially empowered in this behalf—

(a) may accept from any person reasonably suspected of having committed any forest-offence, other than an offence under section 58 or section 59 a sum of money by way of compensation for any damage which may have been committed or for the evasion or attempted evasion of the payment of any money which would, if not paid when due, be recoverable under this Regulation as if it were an arrear of revenue, and

(b) where any property has been seized as liable to confiscation, may release the same on payment of the value thereof as estimated by such officer:

Provided, with respect to clause (a), that the sum of money to be accepted by way of compensation may extend to, but shall not exceed, ten times the value of the forest-produce which has been damaged, or ten times the amount of the money of which the payment has been evaded or attempted to be evaded."

Addition of new section after section 78, Regulation VI, 1887.

15. After section 78 of the said Regulation the following section shall be added, namely:—

Recovery of penalties due under bond.

"79. When any person, in compliance with any rule under this Regulation, binds himself by any instrument to perform any duty or act, such duty or act shall be deemed to be a public duty or an act in which the public are interested, as the case may be, within the meaning of section 74 of the Indian Contract Act, 1872; and upon breach of the condition of such instrument the whole sum mentioned therein as the amount to be paid in case of such breach may be recovered from him as if it were an arrear of revenue." [Act I, 1878, s. 25.] IX of 1872.

STATEMENT OF OBJECTS AND REASONS.

THE expediency of amending the Indian Forest Act, VII of 1878, has for several years past been constantly brought to the notice of the Government of India. Since the date of its enactment, several other Forest Acts, Laws and Regulations* have been passed for different parts of India. They have all been cast very much on the model of Act VII of 1878, changed only in so far as was necessary to adapt them to the pecu-

* Burma Forest Act 1881.
Madras Forest Act, 1882.
Baluchistan Forest Law, 1886.
Berar Forest Law, 1886.
Upper Burma Forest Regulation, 1887

liar circumstances of special localities. At the same time, defects brought out in the enforcement of Act VII of 1878 were recognized and remedied in the more recent enactments.

The present Bill has for its main object the amendment of the Forest Acts and Regulations of the Governor General in Council, so as to place forest legislation as far as possible on the same footing wherever local circumstances permit.

2. It is proposed to add to Chapter II of Act VII of 1878 the additional provisions regarding forest-settlements and shifting cultivation contained in the Burma Forest Act, 1881, and the Upper Burma Forest Regulation, 1887. The necessity for these provisions has been fully made out on previous occasions, and their insertion in Act VII of 1878 calls for no special explanation.

3. The sections which provide for the compounding of offences have been revised and recast. Under Act VII of 1878, only compensation for any damage which might have been committed could be accepted, while, under all Forest Laws passed between 1878 and 1886, compensation could be demanded for the offence; in the Upper Burma Forest Regulation, 1887, the compensation was again restricted to the damage done. It has been urged that most of the offences to which the section should be applied are breaches of river rules, or the evasion of payment of dues; and that, if compensation may only be accepted for damage, the section is ineffective. On the other hand, it is objected that to permit the unlimited acceptance of compensation for an offence is to place too much power in the hands of the Forest-officer. The amendment now put forward suggests the assessment of compensation according to the damage done, or the dues of which payment is evaded, and prescribes that the demand shall in no case exceed ten times the value of the produce or ten times the amount of the dues.

4. In 1884 the Bombay Government brought to notice that section 41 of Act VII of 1878 was defective, and suggested its amendment on the ground that it limited the control of timber in transit to timber found in or brought from a forest, and gave no authority to require the taking out of a pass, under the rules, for trees felled on fields in the occupation of landholders, as was previously the practice. The amendment was again urged in 1887; and the Bombay Government represented that it was absolutely necessary, with a view to prevent the misappropriation of timber from Government forests, that the executive authorities should have power to control while in transit all timber, from whatever source obtained, and that, if timber brought from private holdings were to be exempted from the operation of the rules framed under section 41 of the Act, the control of timber in transit would be rendered to a great extent ineffectual; for, directly any timber was conveyed outside the forest boundaries, it could be passed off as the produce of some private holding with little risk of detection. The Bombay Forest Commission also drew attention to this subject, and strongly recommended that the section should be amended in the interests of the cultivating classes no less than in those of the Government.

The simplest way of meeting the difficulty is to modify the definitions of "timber" and "forest-produce" so as to include all parts and produce of trees, and to subject to control under section 41 all timber whether grown in a *forest or not*.

This alteration in Act VII of 1878 is in accordance with the provisions of later enactments. The Madras and Burma Forest Acts provide for the control of timber in transit, irrespective of the source whence it comes; while the Upper Burma Forest Regulation gives the same control over forest-produce of all kinds.

5. Passing over mere verbal alterations the only other amendment requiring notice is the addition to Act VII of 1878, and to the Burma Forest Act and the Upper Burma Forest Regulation, of a section similar to section 25 of the Opium Act, I of 1878, by which power is taken to recover penalties stipulated in a bond or agreement. For the protection of State property contractors and licensees generally bind themselves to observe certain precautions or abstain from certain dangerous acts, but it has been held that this does not render them criminally liable for any damage caused to the forest by the negligence or wilful act of their agents or workmen employed in carrying out their contract or in extracting the produce covered by their license. The new section will make them responsible up to the amount to which they have agreed, and such sum will be recoverable summarily.

The 4th September, 1889.

P. P. HUTCHINS.

S. HARVEY JAMES,
Secretary to the Government of India.

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PART VI.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VICT., CAP. 67.

The Council met at Viceregal Lodge, Simla, on Wednesday, the 4th September, 1889.

PRESENT:

His Excellency the Viceroy and Governor General of India, G.C.M.G., G.M.S.I., G.M.I.E., *presiding*.
His Honour the Lieutenant-Governor of the Punjab, K.C.S.I.
His Excellency the Commander-in-Chief, Bart., V.C., G.C.B., G.C.I.E., R.A.
The Hon'ble Lieutenant-General G. T. Chesney, C.B., C.S.I., C.I.E., R.E.
The Hon'ble A. R. Scoble, Q.C., C.S.I.
The Hon'ble Sir C. A. Elliott, K.C.S.I.
The Hon'ble P. P. Hutchins, C.S.I.
The Hon'ble Sir D. M. Barbour, K.C.S.I.
The Hon'ble Bábá Khem Singh Bedi, C.I.E.

ACTS XVII OF 1864, X OF 1865, II OF 1874 AND V OF 1881 AMENDMENT BILL.

The Hon'ble MR. SCOBLE moved that the Bill to amend Acts XVII of 1864 (*Official Trustee*), X of 1865 (*Indian Succession*), II of 1874 (*Administrator General*) and V of 1881 (*Probate and Administration*) be referred to a Select Committee consisting of the Hon'ble Mr. Hutchins, the Hon'ble Mr Evans, the Hon'ble Mr. Crosthwaite and the Mover.

The Motion was put and agreed to.

MERCHANDISE MARKS BILL.

The Hon'ble MR. SCOBLE also moved that the Bill to amend the Indian Merchandise Marks Act, 1889, be taken into consideration. He said:

"The Bill authorizes Local Governments to use their discretion in extending, to any date before the 1st of November in this year, the time within which piece-goods, which have not their length correctly stamped upon them, may be imported into British India. The extension may be subject to such conditions as Local Governments may deem fit to impose, in order that no undue or unfair advantage may be taken of this relaxation of the law; and, as it is desirable that no unnecessary delay should take place in dealing with shipments at any port to which they may be consigned, Local Governments are empowered to delegate the power conferred upon them by the Bill to the Chief Customs-authority or any other competent officer at any port within their respective territories."

The Motion was put and agreed to.

The Hon'ble MR. SCOBLE also moved that the Bill be passed.

The Motion was put and agreed to.

FOREST BILL.

The Hon'ble MR. HUTCHINS moved for leave to introduce a Bill to amend the Indian Forest Act, 1878, the Burma Forest Act, 1881, and the Upper Burma Forest Regulation, 1887. He said:

"Forest law is still somewhat of a novelty in India, and it is not unnatural that classes which have long been accustomed to do as they like with forest-produce should find any restrictions or regulations irksome and oppressive. Still it has been necessary, in order to prevent the utter destruction of such forests as exist, and to secure a permanent supply of fuel, timber and other forest-produce for future generations, that the State should interpose and control the exercise of rights and privileges in selected areas; and I think the people are beginning to understand that the object which the Government had in view in constituting a Forest Department and enacting a forest law was, not merely to obtain a legitimate revenue to be expended for the good of the people at large, but also to improve and make secure the supply of some of the commonest necessaries of their everyday life. My object in proposing to amend the law is by no means to increase the burdens or restrictions which have sometimes appeared oppressive, but only to make the intention of the law plain where it has been liable to misinterpretation; to introduce some more definite and liberal provisions in regard to what is known as shifting cultivation; to define, limit and control the action of Forest-officers in compromising petty breaches of forest regulations; and to enforce the responsibility of licensees for damage done to the forests by their servants.

"Section 2 of my Bill contains some revised definitions. In 'trees' I propose to include 'canes'. This is not a matter of much consequence, but bamboos have always been classed among 'trees', and it seems logical and proper to place canes and bamboos in the same category.

"The definition of 'timber' is not novel, for it has been taken from the Upper Burma Forest Regulation, and though the wording is somewhat different the sense is identical with that of the old definition in the Act of 1878.

"The definition of 'forest-produce' has been entirely recast, but the only substantial change is that it has been made to include all timber and produce of trees, wherever found. According to Act VII of 1878, although timber includes 'all wood', it is also a kind of forest-produce and as such must have been found in or brought from a forest. But the term 'forest' is itself very indefinite. Some authorities would restrict it to forests constituted as such under the Act. In its wider and popular sense it signifies a collection of trees, but it is not possible to predicate how many trees are necessary, or how close together they must be, to form a forest; and under the Act a perfectly bare area may be constituted a reserved forest—a forest *in posse*. Now, whatever ambiguity attaches to the term 'forest' must also extend to forest-produce, and therefore to timber when regarded as a kind of forest-produce. Timber in the abstract embraces all wood wherever produced: as forest-produce it must have been raised in a forest, and a forest, according to some, means a forest constituted under the Act, and, according to others, a collection of trees in greater or less contiguity. Under my definition, however, timber will have the same meaning throughout the Act: everywhere it will include all wood, wheresoever found.

"Now, the practical effect of this change will of course depend on the sense in which the term is interpreted in the different parts of the present Act. To make myself intelligible on this part of the subject, I propose to disregard the opinion that a forest should be understood to mean one constituted under the Act. In the first place, I think that narrow construction has no sufficient basis, and in the second, if I can show that the term 'timber' could never have been intended to be restricted to wood raised in a forest in the wider sense, *à fortiori* there can have been no intention to confine it to wood raised in a forest in any narrow or artificial sense. In my subsequent remarks therefore I shall generally speak of forests in the popular sense of the word.

"Now, obviously the change which I propose will make no difference in regard to forests constituted under the Act. Timber or any other produce raised in these are clearly forest-produce. The extension of the definition, therefore, will in no way enlarge the class of offences known as forest offences, punishable under the Act; for these, by their nature and definition, can only be committed in respect of a forest and not in respect of wood, &c., not found in or brought from a forest.

"Then comes Chapter VII, which empowers Government to levy a duty on all timber which is either (1) produced in British India and in respect of which Government has any right, or (2) which is brought from any place beyond our frontier. There is no reason, so far as I can see, why this power should be limited to wood produced in a forest. On the contrary, this chapter strongly confirms the view that such a restriction of the term 'timber' was never contemplated. It seems obvious from the use of the word 'place'—any *place* beyond our frontier—that the authors of the Act intended that all imported wood should be liable to duty. For how would it be possible to show that imported timber was the produce of a forest, even in the widest sense of the term? I think, however, that in this chapter, as well as in Chapter IX, there can be no question that the term 'timber' is used in its wider sense, and includes all wood, wheresoever found; it is only in Chapter VIII, where it has unfortunately been coupled with 'other forest-produce,' that its meaning can possibly be cut down to that of wood raised in a forest. Against this argument, however, may be set the probability that the framers of the Act used the term in Chapter VIII in the same sense in which they had just used it in Chapter VII and in which they were about to use it in Chapter IX.

"But now let us see to what Chapter VIII relates, for it is here only that I wish to effect any practical alteration. It vests in the Government the control of all timber in transit.

"The Local Government may make rules, *inter alia*, to prescribe routes, to require passes, and to provide for the stoppage of timber on which there is reason to believe that any royalty or fee is due, or which it is desirable to mark. Now, it is obviously desirable to mark private wood in order to distinguish it from Government wood. It is also for the benefit of private owners, or for the owners of wood which was not or cannot be shown to have been produced in a forest, that it should be marked once for all: otherwise, unless the rules and the whole chapter is to be a dead letter, the wood must remain liable to perpetual stoppages for examination as to whether some fee or royalty is not due on it. Again, what [illegible] the use of establishing routes unless the transit of all wood passing along [illegible] can be subjected to control? It seems to me, therefore, that there is much internal evidence that even in this chapter timber was intended to be understood in its wide and natural sense, and not in that restricted and artificial sense derived from its inclusion as a kind of forest-produce.

"But we are not dependent on internal evidence only. In his speech of 6th March, 1878, Sir Theodore Hope, who was in charge of the Act when it was passing through this Council, observed:—

'Finally, we extend regulations regarding the control of timber in transit (to be applied only where necessary) which have worked well in Burma and are quite as protective of the interests of *private timber-owners* and merchants as they are of those of Government.'

"There is no doubt that these old Burma regulations applied to all wood wherever produced, and there are many other passages in the debates and in the departmental records showing that the intention was to subject all timber in transit to the same control, wherever the necessity for any control existed.

"In most of the provinces rules have been made upon this footing. According to the law in force in Madras and in Burma, there is no doubt that the power of transit control extends to all timber. It is only the Government of Bombay that has found itself constrained to adopt the narrower interpretation, and there it was speedily discovered that such a construction rendered all attempt at control futile and ineffectual, for directly any wood has been conveyed outside a forest it can be passed off as the produce of a private holding with little risk of detection.

"I claim therefore that this new definition will, as regards timber at all events, merely make clear what has all along been the intention of the legislature, and place beyond controversy the practice which exists in every province but Bombay, and without which effectual control is impracticable. As regards other 'produce of trees,' such as India-rubber, mohwa flowers and myrabolams, precisely the same obstacles to efficient control exist, and it follows that they should be put on the same footing as timber, though of course they too will only be brought under regulation where such a course is proved to be really required. I may note here that the Upper Burma law goes much further than my proposal, for it gives complete power of control over every kind of forest-produce in transit, and not merely over 'trees and the parts or produce of trees.'

"I now pass on to the other provisions of my Bill. Section 3 requires no explanation. The object of section 4 is to give greater liberty, while a forest

is under settlement, especially to those classes which practise 'shifting' cultivation. The present law forbids fresh clearings absolutely: it is proposed to allow the Settlement-officer to permit them at his discretion.

"Section 5 also relates to shifting cultivation. It does not seem to call for any remark except that it has been taken from the law in force in Burma, where it has been found to work satisfactorily.

"Section 6 makes some small verbal changes in Chapters VII and VIII, consequent on the new definition of 'forest-produce' with which I have already dealt at sufficient, if not excessive, length.

"Section 7 demands a few words of explanation, though it is clearly for the benefit of the people. The compounding of offences is in general open to objection, but petty offenders against the forest law have always been allowed the option of making reasonable amends in money, and so escaping the very serious trouble and annoyance of a formal prosecution before a perhaps distant tribunal. Act VII of 1878 allows such a person to make compensation for any damage which he may have committed, but in the majority of these minor offences there has been no damage, or at all events no appreciable damage; the commonest case of all is an attempt to evade dues which, *ex hypothesi*, has been frustrated. Under the present law, therefore, a man must either be let off scot free, or be prosecuted; there is no third course. In view of this difficulty the word 'offence' was substituted for 'damage' in the special forest legislation of 1881, 1882 and 1886 for certain provinces; and there is reason to believe that, even in provinces governed by the general Act, the practice has been to compound petty offences quite irrespective of the question of damage. I now propose to put matters on a correct, and as far as possible on a uniform, footing. Accordingly section 7 authorizes the levy of compensation for any damage done or dues sought to be evaded, while, to prevent exorbitant demands, I have embodied in the section an executive order passed by my hon'ble friend the Lieutenant-Governor of the North-Western Provinces, that no more than ten times the damage or due shall in any case be exacted.

"The necessity for section 8 is, I think, sufficiently explained in the Statement of Objects and Reasons, but perhaps it will be made clearer by a concrete example—one which actually happened in Burma and has in fact suggested the introduction of this provision. A man had taken out a license to boil cutch, which, among other conditions, provided that no tree below a certain size should be felled and that he should be liable to prosecution for a breach of the conditions of the license. The men employed by him felled some 2,700 undersized trees, and he was prosecuted for abetment of their act and convicted. The conviction, however, was quashed by the Judicial Commissioner, who decided, no doubt rightly, that the lessee could only be held criminally responsible for the acts of his servants upon proof of his own personal instigation or connivance. Such proof it is obviously impossible to furnish in the great majority of cases, and yet it is reasonable to say that the employer, who receives the produce and benefits by the act which he has covenanted not to permit, ought to be made responsible for the injury to the forest which his labourers entered under cover of his license. To effect this it is proposed to bind him under a penalty and to take power, in the event of a breach, to levy the amount as an arrear of land-revenue. The provision has been adapted from section 25 of the Opium Act, 1878.

"The remaining sections of my Bill merely embody similar provisions to those mentioned above in the special Forest Acts in force in Burma and Upper Burma."

The Motion was put and agreed to.

The Hon'ble MR. HUTCHINS also introduced the Bill.

The Hon'ble MR. HUTCHINS also moved that the Bill and Statement of Objects and Reasons be published in the Gazette of India in English, and in the local official Gazettes in English and in such other languages as the Local Governments think fit.

The Motion was put and agreed to.

The Council adjourned to Wednesday, the 18th September, 1889.

S. HARVEY JAMES,

Secretary to the Government of India,

Legislative Department.

SIMLA;

The 6th September, 1889.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

ABSTRACT SHOWING THE RESULT OF EMIGRATION FROM THE PORT OF CALCUTTA DURING THE MONTH OF JULY, 1889.

No. I.—As to Age and Sex.

	Demerara.				Trinidad.				Total.		Grand Total.
	Male.	Female.	Total.	Proportion of women to men.	Male.	Female.	Total.	Proportion of women to men.	Male.	Female.	
Under 2 years	26	22	48	47·93 women to every 100 men.	35	30	65	41·49 women to every 100 men.	61	52	113
From 2 to 10 years	106	91	197		105	69	174		211	160	371
„ 10 „ 20 „	77	32	109		48	23	71		125	55	180
„ 20 „ 30 „	472	231	703		451	192	643		923	423	1,346
„ 30 „ 40 „	103	48	151		129	43	172		232	91	323
„ 40 „ 50 „	1	2	3		1	3	4		2	5	7
Above 50 years	...	...	...		...	...	...		...	...	...
GRAND TOTAL	785	426	1,211		769	360	1,129		1,554	786	2,340

No. II.—As to places whence Emigrants came to Calcutta for embarkation.

	Demerara.			Trinidad.			Total.		Grand Total.
	Male.	Female.	Total.	Male.	Female.	Total.	Male.	Female.	
Orissa	...	...	...	1	...	1	1	...	1
Western Bengal	1	1	2	1	2	3	2	3	5
Central ditto	...	...	...	2	3	5	2	3	5
Eastern ditto	...	...	...	...	...	...	...	...	...
Behar	129	81	210	232	115	347	361	196	557
North-Western Provinces	433	260	693	401	189	590	834	449	1,283
Oudh	206	77	283	121	47	168	327	124	451
Central India	10	6	16	5	2	7	15	8	23
Punjab	3	1	4	4	...	4	7	1	8
Nepal and Native States	2	...	2	2	...	2	4	...	4
Mixed, Bombay and Madras	1	...	1	...	2	2	1	2	3
GRAND TOTAL	785	426	1,211	769	360	1,129	1,554	786	2,340

No. III.—As to Caste and Religion.

Brahmins and high castes	94	40	134	88	30	118	182	70	252
Agriculturists	245	97	342	261	85	346	506	182	688
Artisans	49	27	76	62	29	91	111	56	167
Low castes	339	225	564	309	188	497	648	413	1,061
Mussulmans	58	37	95	49	28	77	107	65	172
Christians	...	...	...	...	...	...	...	...	...
GRAND TOTAL	785	426	1,211	769	360	1,129	1,554	786	2,340

Memo.

	Male.	Female.	Total.
1. Hindus	1,447	721	2,168
2. Mussulmans	107	65	172
3. Christians	...	...	...
TOTAL	1,554	786	2,340

E. C. BUCK.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weather Review of India for the week ending at 8 a.m. on Monday, September 2nd, 1889.

The most important changes which have occurred over India during the past week are the gradual but steady fall in the force and extent of the Arabian Sea monsoon and the disappearance of the steepish barometric gradient between Southern and Northern India, which has hitherto been a prominent feature in the pressure distribution. The Bay of Bengal monsoon has to a certain extent followed the same course as that of the Arabian Sea, but the change to weaker force did not occur till quite the close of the week, and hence, while the region influenced by the Arabian Sea current has had almost everywhere deficient rain, that part of India which derives its rainfall from the Bengal side has had exceptionally wet weather.

The Chart of the 27th showed that the depression which at the close of the previous week was moving westward across the country had contracted considerably in size, and that the centre lay between Raipur and Sutna. Gradients without being steep were favourable to the full extension of the monsoon currents, and the normal monsoon circulation, of winds of about the average strength, prevailed throughout the greater part of India, though there were feeble cyclonic movements around the centre of depression. By the morning of the 28th the depression had to a large extent filled up, but the relative distribution of pressure had changed very little. There were however already signs of an approach to great uniformity of pressure over the Peninsula, and the winds over Western India were falling lighter. The distribution of pressure, as shown by the Chart of the 29th, was peculiar and abnormal. A well marked depression lay over the Western Punjab and relatively low readings over the Gangetic plain. To the southward, but in the immediate neighbourhood, of these low pressure areas gradients were steep or moderately so and a fresh westerly current of wind prevailed, but still further to the southward, over the Peninsula, pressure was becoming very uniform and the Bombay monsoon was falling off. Over the Bay a strong monsoon current was blowing. The Chart of the 30th exhibited no important change, except that the winds in the west and centre of the Peninsula were drawing towards north. The Bay monsoon continued strong and steady. On the 31st the pressure distribution was still more abnormal. The low pressure areas over the Western Punjab and Upper Sind and over the Gangetic plain were rather better defined than on the 30th and the gradients on their southern borders were steeper. At the same time a slight anti-cyclone or high pressure area had been developed over the west of the Peninsula and readings were very uniform over Western, Central, and Southern India. The wind had become strongly north-westerly along the West Coast and over the Deccan. A fresh south-westerly and westerly current prevailed within the region covered by the steep gradients noticed above and a moderately strong monsoon was blowing over the head of the Bay, but in Upper India the wind was variable and light. On the 1st a small local depression was shown in the neighbourhood of Allahabad and the barometer was falling over the whole of Northern India. The area of high and uniform pressures over the Peninsula was less strongly

marked than on the 1st and moderate gradients appeared to be spreading southward again. The wind however remained north-westerly and light over the west and centre of the Peninsula. A cyclonic circulation was shown around the depression near Allahabad, and elsewhere the directions were fairly normal. On the 2nd there was no important change, but the Allahabad depression had almost disappeared and the monsoon over the Bay had fallen lighter.

Temperature.—The net result for the week of the daily variations of temperature from the normal again exhibits small departures in most Provinces. In Guzerat and Central India the weekly variation is *nil* and in Burma, Bengal, the Central Provinces, Sind, Rajputana, and Madras does not exceed ½°. The largest variations are reported from Bombay and the Punjab, the former having been warmer, the latter cooler, than usual. In Bombay every day of the week was warmer than the normal and in the Punjab every day was cooler, but in the other Provinces the variations were less regular: thus—

No. of days below Normal.	Province.	No. of days above Normal.
0	Bombay	7
2	Sind and Rajputana	5
2	Madras	5
4	Bengal	3
5	Guzerat and Central India	2
5	North-Western Provinces	2
6	Central Provinces	1
6	Burmah	1
7	Punjab	0
37		26

This shows that on the whole the weather has been cooler than usual over India; and the following table shows the amount of the excess or defect of the mean average temperature of the different Provinces for the present and for the preceding week:

Provinces.	Difference of Mean Temperature of Last Week from Normal.	Difference of Mean Temperature of present Week from Normal.
Burmah	— 0·8°	— 0·6°
Bengal	+ 0·5°	— 0·1°
North-Western Provinces	+ 0·3°	— 0·7°
Punjab	+ 0·6°	— 1·4°
Bombay	+ 0·6°	+ 1·2°
Central Provinces and Berar	— 1·1°	— 0·3°
Guzerat and Central India	— 0·9°	0
Sind and Rajputana	— 0·9°	+ 0·2°
Madras	— 0·2°	+ 0·5°

Briefly, this shows that, compared with the average, the temperature has risen in the Bombay Presidency, Rajputana, the central parts of the country, and Madras, and fallen in Northern India.

Rain.—The conditions affecting rainfall over India have been nearly the reverse of those prevailing last week, the Bay of Bengal monsoon current having been the stronger and the Arabian Sea current the weaker during the past seven days. Hence the distribution of rainfall has also been reversed, Northern India reporting excessive and Southern and Central India deficient rains. In the North-Western Provinces another cause, in addition to that produced by the strength of the Bay monsoon, of heavy rainfall was the small depression which appeared near Allahabad on the 1st and which was accompanied by some heavy falls of rain in its neighbourhood.

The following is a brief description of the daily distribution of rainfall:

On the 27th rain was shown to have fallen in all parts of India except Sind, the Bombay Deccan, and the extreme south-east of the Peninsula. The amounts were generally moderate, the largest being 2 inches at Ranikhet. On the 28th the only region that was wholly without rain was Sind and the Southern Punjab, and the amounts were somewhat larger than on the previous day. On the 29th rain ceased again in the Deccan, but otherwise there was no change; and on the 30th no rain was reported from the north-west of the Punjab. The Chart of the 31st showed that rain had ceased over the greater part of the Peninsula and of North-Western India. The break continued in the north-west on the 1st, but rain had recommenced over the Peninsula. On the 2nd a break in the rains was reported from nearly the whole of Western, Central, and North-Western India.

The concluding table shows that, as was the case last week, twenty-eight divisions have received more than the average amount of rain and twenty-two have received less. As pointed out above however, the respective distribution of these divisions of heavy and light rainfall is to a large extent the reverse of that prevailing last week. Burma, with the exception of Lower Burma, where there is a slight deficiency, has received ample rain, and the whole of Bengal, with the exception of Orissa, has received more than the normal amount. The North-Western Provinces record heavy rain except in the western division, where it is short. In the east and in Oudh the excess has been very large. In the Punjab the hill and submontane districts have again received slightly deficient rainfall, but the other districts received more. The inland districts in the south of the Peninsula report excessive rain, but the coast districts all along the West Coast, as well as nearly all the central districts, report a deficiency. In Madras four districts have received less and three more than the normal.

The maximum falls in Burma have been by no means so large as those reported last week, while in Bengal and Assam, on the contrary, they are larger. Cherrapunji has received 39 inches; Rajmahal (Sonthal Pergunnahs), 10¼ inches; Cooch Behar, 13½ inches; and Alipore (Jalpaiguri), 14 inches. In Behar the heaviest fall was 10¼ inches at Bahera in Durbhanga, while in Oudh the heaviest falls were 12½ inches at Pertabgarh and 13 inches in Fyzabad. Large falls were reported throughout the North-Western Provinces, the largest being 15¼ inches at Akbarpur (Cawnpore); but in the Punjab the only fall of importance was 9½ inches at Panipat. All over the Peninsula and the central parts of the country the maximum falls call for no remark, the only one of importance being 14 inches at Shugalpore in Bhopal.

The concluding column of the table shows that the seasonal rains are appreciably short only in the following places:—Lower and Central Burma, East Bengal, Punjab hill districts, Mysore, the Bombay Deccan, Khandeish, Sind, and Rajputana West. In all other parts of the Indian region the seasonal rainfall equals or nearly equals the normal average.

Province.	Division.	Rainfall Data for Week ending September 2nd, 1889.			Rainfall Data from May 12th to September 2nd, 1889.		
		Average Actual Rainfall of Division.	Average Normal Rainfall of Division.	Excess or Defect, in inches.	Average Actual Rainfall of Season to date.	Average Normal Rainfall, May 12th to September 2nd.	Excess or Defect (Normal) Rainfall expressed as a percentage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
Burmah	Tenasserim	9·50	8·36	+ 1·14	155·18	141·89	+ 9
	Lower Burmah	4·07	4·43	— 0·36	57·84	71·34	— 19
	Central Burmah	4·32	3·71	+ 0·61	45·71	58·41	— 22
	Upper Burmah	2·12	?	?	43·72	?	?
	Arakan	8·18	5·73	+ 2·45	146·97	150·51	— 2
Bengal and Assam	Eastern Bengal	4·26	3·53	+ 0·73	55·26	63·46	— 13
	Assam (Surma)	8·47	3·82	+ 4·65	96·42	74·48	+ 29
	Do. (Brahmaputra)	5·68	3·02	+ 2·66	63·83	54·65	+ 17
	Deltaic Bengal	2·45	2·18	+ 0·27	36·18	39·78	— 9
	Central Bengal	3·05	2·29	+ 0·76	37·22	38·72	— 4
	North Bengal	7·87	4·57	+ 3·30	82·09	72·65	+ 12
	Orissa	1·86	1·98	— 0·12	36·80	35·41	+ 4
	Chota Nagpur	2·99	2·11	+ 0·88	36·14	36·19	0
	Behar (South)	4·32	1·87	+ 2·45	32·67	30·66	+ 7
	Do. (North)	3·71	2·76	+ 0·95	38·41	34·54	+ 11
North-Western Provinces and Oudh.	North-Western Provinces (East).	6·96	1·88	+ 5·08	36·16	26·02	+ 39
	Oudh (South)	6·90	1·87	+ 5·03	35·99	26·26	+ 38
	Do. (North)	6·78	1·90	+ 4·88	37·43	28·77	+ 30
	North-Western Provinces (Central).	4·30	1·59	+ 2·71	24·33	22·95	+ 5
	North-Western Provinces (West).	1·30	1·72	— 0·42	21·10	21·42	— 1
	North-Western Provinces (Submontane).	4·73	2·45	+ 2·28	45·22	32·93	+ 37
Punjab	Punjab (South)	0·76	0·69	+ 0·07	11·29	10·70	+ 6
	Do. (Central)	2·62	1·36	+ 1·26	16·58	17·64	— 6
	Do. (Submontane)	1·27	1·32	— 0·05	20·00	21·07	— 5
	Do. (Hill Districts)	1·72	4·64	— 2·92	57·87	68·77	— 16
	Do. (North-West)	1·28	0·81	+ 0·47	15·66	15·96	— 2
	Do. (West)	0·78	0·21	+ 0·57	6·65	5·75	+ 16
Bombay and Malabar Coast Districts (Madras).	Malabar	1·68	3·06	— 1·38	87·17	88·32	— 1
	Madras (South Central)	2·21	0·88	+ 1·33	24·33	11·49	+ 112
	Coorg	4·27	4·22	+ 0·05	80·73	81·37	— 1
	Mysore	2·43	1·11	+ 1·32	11·73	14·86	— 21
	Konkan	2·17	4·44	— 2·27	109·08	82·55	+ 32
	Bombay Deccan	0·39	1·54	— 1·15	18·04	22·69	— 20
	Hyderabad (North)	...	...	...	...	...	...
	Khandeish	0·48	1·36	— 0·88	12·17	16·64	— 27
Central Provinces and Berar.	Berar	1·21	2·50	— 1·29	28·93	25·10	+ 15
	Central Provinces (West)	1·54	2·24	— 0·70	29·91	30·53	— 2
	Ditto (Central)	2·25	2·66	— 0·41	45·56	40·40	+ 13
	Ditto (East)	1·24	2·09	— 0·85	43·10	36·91	+ 17
Bombay (North)	Guzerat	2·50	3·08	— 0·58	32·06	30·24	+ 6
	Kattiawar	0·36	1·82	— 1·46	23·38	21·97	+ 6
	Sind	0	0·25	— 0·25	1·48	3·89	— 62
Rajputana and Central India.	Central India (East)	2·19	2·10	+ 0·09	35·24	28·52	+ 24
	Rajputana (East), Central India (West).	1·66	2·25	— 0·59	28·36	20·93	+ 36
	Rajputana (West)	0·03	1·02	— 0·99	8·39	10·30	— 19
Madras	East Coast (North)	2·05	1·52	+ 0·53	23·26	18·20	+ 28
	East Coast (North) (a)	1·00	1·73	— 0·73	25·15	27·15	— 7
	Hyderabad (South)	1·30	1·58	— 0·28	16·86	16·10	+ 4
	Madras (Central)	1·31	1·10	+ 0·21	13·13	12·26	+ 7
	East Coast (Central)	0·92	1·13	— 0·21	13·26	13·44	— 1
	Ditto (South)	1·06	1·13	— 0·07	13·69	10·61	+ 29
	Madras (South)	1·54	0·80	+ 0·74	5·87	5·83	+ 1

W. L. DALLAS,

Assistant Meteorological Reporter to the Government of India.

SIMLA, *5th September, 1889.*

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 30th August.*—Rainfall general and good in most districts. Crops generally good, but withering in parts of Bellary, Anantapur, South Arcot, and Coimbatore. More rain wanted in parts of these districts and Cuddapah, Trichinopoly, and Tinnevelly. Crops damaged by insects in Anantapur, Tinnevelly, and Salem. Prices rising in ten districts, falling in seven, and stationary in the rest. Labourers employed on last day of week,—on Rushikulya works, 4,174; Gopalpur Canal, 1,330; Ghat Roads, 3,942; other minor works, 2,017. Number on village relief on 24th August, 52,559, including 31,057 children; fed in kitchens, 11,023, including 7,726 children. Imports during week by sea and land, 655 tons. General prospects favourable everywhere. Season very favourable in Ganjam.

Bombay.—*For week ending 4th September.*—Rain during week general; total fall insufficient in parts of Surat, Khandesh, Nasik, Poona, Ahmednagar, Sholapur, Satara, Bijapur, Belgaum, and Dharwar. Young crops damaged by floods in parts of Karachi, by blight in parts of Upper Sind Frontier, by grasshoppers in parts of Ahmedabad, and by excessive rain in parts of Kaira; also withering for want of moisture in parts of Nasik, Poona, Ahmednagar, Satara, Belgaum, and Dharwar. Standing crops otherwise good, except in two talukas of Khandesh. Sowing retarded for want of sufficient rain in parts of Poona, Bijapur, and Belgaum. Preparations for late crops progressing in Karachi and Hyderabad. Fodder scarce in parts of Nasik, Poona, Ahmednagar, Satara, Belgaum, and Dharwar. Drinking-water scarce in parts of Upper Sind Frontier, Nasik, Ahmednagar, and Dharwar. Prices rising in two talukas of Nasik.

Bengal.—*For week ending 3rd September.*—Ordinary monsoon weather has been prevalent throughout the week, and there has been general rain over the whole Province. The rain was rather heavy in parts of North and East Bengal and Behar. Transplanting of winter rice is being rapidly completed, but more rain is still wanted in places in Western Bengal, South Bhagalpur, the Sonthal Pergunnahs, the Sadr sub-division of Balasore, and the Palamow sub-division of Lohardagga. Early rice and jute harvests are in progress. Outturn of early rice reported to be full average in Backergunge; not much short of average in Rajshahye and Jalpaiguri; and only 9 annas in Pubna and Dacca. In Pubna the quality of jute is said to have been impaired by excessive water. In Behar and Chota Nagpur the *bhadoi* crops are promising, except on the inundated tracts. In Behar some of these crops have begun to be harvested. Food-stocks are reported sufficient in all the affected areas of the Province. In Muzaffarpur the floods are subsiding, but applications for gratuitous relief are increasing. In Chumparun agricultural loans are being distributed, and 1,900 people are in receipt of Government and private charity. Charitable relief is also being given to 177 persons in the Contai sub-division of Midnapur, where the affected area is about 110 square miles. In the north of Bhagalpur the attendance on two relief works has increased from 341 to 402.

North-Western Provinces and Oudh.—*For week ending 4th September.*—The rainfall has been generally heavy throughout the Provinces. Crops have suffered in several places from excessive rain and from overflow of rivers. Prospects are however favourable. Harvesting operations have commenced in a few districts. Markets are well supplied, and prices are on the whole steady.

Punjab.—*For week ending 4th September.*—Rain has fallen in all districts, except Mooltan and Peshawar. Prices are falling in Delhi, Mooltan, and Shahpur; rising in Rawalpindi; and stationary elsewhere. Sowings of *kharif* crops almost completed. Ploughings for *rabi* in progress. Prospects of *rabi*

crops are generally good and promising. Stock cattle are reported healthy. Pasturage or fodder sufficient throughout the Province.

Central Provinces.—*For week ending 4th September.*—*Kharif* crops suffered to some extent in Saugor from excessive moisture; but there is now a seasonable break in the weather all over the Provinces, and the prospects of the crops are very favourable. The ground is being prepared for *rabi* sowings. Prices continue steady.

Burma.—*For week ending 31st August.*—In Lower Burma the rainfall was heavy in most districts. Some paddy has been destroyed by floods in Bassein and a little in Thongwa; otherwise the crops promise well, though backward in Tharrawaddy and Prome. In Upper Burma there was fair rainfall in Bhamo, Ruby Mines, Sagaing, Kyaukse, Upper Chindwin, Myingyan, and Pyinmana. In the other districts the rainfall was slight, or there was none. Rain is wanted in parts of Shwebo, Pokokku, Meiktila, and Yamethin; except in these districts and in Bhamo, the crops generally promise well. The prices of paddy rose 5 per cent. in Thongwa, 14 per cent. in Shwebo, and fell 10 per cent. in Tharrawaddy and 9 per cent. in Prome. There were no other fluctuations of consequence.

Assam.—*For week ending 4th September.*—Weather seasonable. Rainfall excessive in Nowgong, and moderate elsewhere. Reaping of early and transplanting of winter rice continue. Tea doing well; blight is prevalent in Cachar.

Mysore and Coorg.—*For week ending 4th September.*—Rainfall good throughout the State of Mysore, except in parts of Tumkur, where rain is needed. Standing crops in good condition. No material change in prices.

Good rain in Coorg. South-west monsoon has closed. Prospects good.

Berar and Hyderabad.—*For week ending 4th September.*—Average rainfall fair in Berar. Weeding continues. *Kharif* in good condition. Preparation of fields for *rabi* commenced. Cattle healthy. Fodder sufficient. Prices unchanged.

Fair rain during the week in Hyderabad. *Kharif* crops prospering. Weeding of *abi* crops continues. Water in tanks not yet sufficient for *tabi* crops. Prices stationary.

Central India.—*For week ending 4th September.*—Rain throughout Central India during the week. Prospects of crops and pasturage in Goona improved. No change in Neemuch and Bhopal. Bhopawar reports crops slightly damaged by rain. Locusts have appeared in parts of Jhabua and Burwani in Bhopawar. Prices of foodgrains high in Western Malwa and slightly fallen in Bhopawar.

Rajputana.—*For week ending 4th September.*—Heavy rain in Kerowlee, slight in Meywar and Sirohi, and moderate elsewhere. Agricultural operations satisfactory. Hope of good harvests. Damage reported by locusts in Marwar; by insects in Meywar; and by heavy rain in Jhallawar, Harowtee, and Kerowlee. Agricultural stock good. Pasturage or fodder sufficient. Prices steady.

Nepal.—*For week ending 29th August.*—Seasonable rain. Prospects of crops good.

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XIX. OF 1889-90.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	Railways.	Week ending 11th August, 1888. Total mean length open.	Receipts. Total.	Receipts. Per mile open.	Week ending 10th August, 1889. Total mean length open.	Receipts. Total.	Receipts. Per mile open.	Total Receipts from 1st April to 11th August, 1888. Total.	Per mile open per week.	Total Receipts from 1st April to 10th August, 1889. Total.	Per mile open per week.	Total increase in 1889-90.	Total decrease in 1889
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs
	State Lines worked by Companies.												
10th August, 1889	East Indian	1,514	6,32,820	418	1,514	6,80,326	450	1,59,40,551	354	1,63,52,141	369	4,11,590	...
10th ditto	Patna-Gya	57	8,729	153	57	7,418	130	1,56,886	144	1,61,731	149	4,845	...
10th ditto	Dildárnagar-Gházipur	12	623	52	12	662	55	19,697	86	17,791	78	...	1,5
.....	Sindia	75	4,231	56	...	(a)	...	1,45,061	102	(a)	...	...	1,45,0
17th August, 1889	Rajputana-Malwa	1,664	2,12,899	128	1,664	2,77,000	166	67,30,887	213	76,90,678	245	9,53,791	...
17th ditto	Bengal-Nágpur (b)	186	14,896	80	305	(c) 18,465	61	6,24,373	177	(c) 7,14,374	127	90,001	...
17th ditto	Southern Mahratta (d)	850	66,985	79	857	61,111	71	14,87,307	92	15,95,917	98	1,08,610	...
17th ditto	Do. Mysore Section	140	11,165	80	219	13,850	63	1,90,615	74	2,60,953	63	64,338	...
17th ditto	Indian Midland	136	9,591	70	746	(e) 44,096	59	2,88,665	112	(e) 10,67,175	89	7,78,510	...
17th ditto	Villupuram - Dharmaveram (Nellore Branch)	83	3,978	48	83	4,603	55	92,118	58	91,389	58	...	7
17th ditto	Bareilly-Pilibhit	36	1,142	32	36	1,410	39	29,317	45	37,031	57	7,714	...
	TOTAL	4,753	9,67,059	203	5,493	11,08,941	202	2,57,17,477	285	2,79,89,180	276	22,71,703	...
	State Lines worked by Government.												
10th August, 1889	North Western (f)	2,411	4,01,125	166	2,386	4,47,470	188	87,67,473	191	99,93,013	222	12,25,540	...
10th ditto	Oudh and Rohilkhand	692	90,836	131	692	1,05,902	153	20,86,344	204	30,15,071	229	3,28,727	...
10th ditto	Bengal Central	125	9,818	79	125	14,440	115	2,22,611	94	2,58,914	109	36,303	...
10th ditto	Wardha Coal	45	11,710	260	45	13,870	308	2,71,068	317	3,03,424	358	32,356	...
10th ditto	Eastern Bengal	673	2,13,241	317	747	2,30,090	295	29,12,097	228	31,44,934	238	2,30,837	...
10th ditto	Nalháti	27	1,604	59	27	1,460	53	36,041	73	35,193	72	...	1
10th ditto	Tirhout	259	20,018	77	273	35,952	132	6,43,470	138	7,15,247	146	71,777	...
10th ditto	Lucknow-Sitapur-Sihrámau	105	3,860	37	105	5,765	55	97,307	49	1,28,175	64	30,868	...
10th ditto	Jorhát	25	1,554	62	25	1,471	58	21,375	40	22,278	41	903	...
10th ditto	Chhura-Companyganj	7	124	17	7	176	23	1,298	9	2,088	15	790	...
10th ditto	Burma (g)	392	41,351	105	553	67,597	122	11,03,839	153	17,16,311	165	6,12,472	...
	TOTAL	4,761	7,95,241	167	4,985	9,14,193	183	1,67,62,923	186	1,93,32,048	208	25,69,725	...
	Lines worked by Guaranteed Companies.												
10th August, 1889	Madras	840	1,56,126	186	840	1,68,931	201	31,14,180	195	34,33,057	217	3,18,877	...
10th ditto	South Indian	654	96,448	147	654	1,01,541	155	20,56,455	165	21,66,912	175	1,10,457	...
10th ditto	Great Indian Peninsula	1,497	(h) 5,19,644	347	1,440	(i) 3,55,234	247	1,68,77,399	592	1,30,11,455	478	...	38,65,9
10th ditto	Bombay, Baroda and Central India (j)	461	1,42,231	309	461	1,71,000	371	(k) 47,94,169	547	(i) 51,06,267	587	3,12,098	...
	TOTAL	3,452	9,14,449	265	3,395	7,96,706	235	2,68,42,203	409	2,37,17,691	370	...	31,24,5
GRAND TOTAL (GUARANTEED AND STATE)		12,966	26,76,749	206	13,873	28,19,840	203	6,93,22,603	282	7,10,39,519	274	17,16,916	...
GROSS ESTIMATED EXPENSES		...	...	...	...	...	...	3,58,71,889	146	3,66,29,168	141	7,57,279	...
NET RECEIPTS		...	...	...	...	...	...	3,34,50,714	136	3,44,10,351	133	9,59,637	...
	Assisted Companies.												
10th August, 1889	Tárakeshwar	22	3,996	182	22	4,959	225	1,12,063	265	1,12,435	266	372	...
3rd ditto	Dibru-Sadiya	...	...	...	...	(k)	...	(l) 1,54,296	110	(m) 1,74,234	124	19,938	...
10th ditto	Bengal and North-Western	376	34,652	92	376	38,470	102	9,76,278	137	10,29,411	145	53,133	...
10th ditto	Rohilkhand-Kumaun	67	5,047	75	67	5,589	83	1,41,583	117	1,45,110	120	3,527	...
	TOTAL	465	43,695	94	465	49,018	105	13,84,220	134	14,61,190	143	76,970	...
	Native States.												
17th August, 1889	His Highness the Nizam's Guaranteed Company	310	27,763	89	354	43,851	124	5,75,579	109	7,80,096	117	2,04,517	...
17th ditto	His Highness the Gaekwar's	59	1,239	21	59	1,640	28	53,042	47	51,279	46	...	1,7
17th ditto	His Highness the Gaekwar's Veramgam-Mehsána-Vadnagar	21	703	33	27	700	26	18,382	46	22,257	44	3,875	...
17th ditto	Bhávnagar-Gondal-Junagarh-Porbandar	193	12,173	63	260	16,000	62	3,93,054	107	5,41,183	110	1,48,129	...
17th ditto	Morvi	68	2,100	32	68	2,326	34	74,808	58	83,141	64	8,273	...
17th ditto	Jodhpore	124	4,096	33	124	5,200	42	1,44,211	61	1,32,491	57	...	11,7
	TOTAL	775	48,140	62	892	69,717	78	12,59,136	89	16,10,447	96	3,51,311	...

(a) Included with the Indian Midland Railway.
(b) Includes the Katni-Umaria Branch.
(c) Includes the Sanctoria Coal Section of the Bengal-Nágpur Railway.
(d) Includes the Ballary-Kistna State Railway.
(e) Includes the Sindia and Bhopal-Itarsi State Railways.
(f) Includes the Amritsar-Pathánkot and Rájpura-Bhatinda State Railways.
(g) Includes the Toungoo-Mandalay extension.
(h) Includes the Dhond-Manmád, Khámgaon, Amráoti, and Bhopal-Itar State Railways.
(i) Includes the Dhond-Manmád, Khámgaon, and Amráoti State Railways.
(j) Includes the Patri Branch.
(k) Return not received.
(l) Total receipts from 1st April to 4th August, 1888.
(m) Total receipts from 1st April to 3rd August, 1889.

M. C. BRACKENBURY, *Major, R.E.*,

The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, SEPTEMBER 7, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 23rd March, 1889.

From the 13th April next, till further notice, Parts I, IV, V, and VI of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 6th April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at Simla.

Revised rates from 1st January, 1887.

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Subscription for *Gazette* and Supplement	15	0	0
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Applications for the supply of the *Gazette* on the *public service* should be addressed to the Home Department.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the date on which it is due.

Attention is invited to the Circular Memo. of the Government of India, Home Department, of February, 1870, directing that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Publisher's Office not later than 2 P.M. on Friday afternoon, and that matter sent after that hour must be certified to be extremely urgent in order to ensure its appearance in the next day's Gazette.

Matter intended for publication in the Supplement should reach the Press not later than Thursday.

E. J. DEAN,
Publisher, Gazette of India.

SURGEON-GENERAL WITH THE GOVERNMENT OF INDIA.

NOTIFICATION.

Simla, the 23rd August, 1889.

No. 24.—The undermentioned Student of the Lahore Medical College is admitted into the service as an Assistant Surgeon, with effect from the date specified :—

Shékh Elahi Buksh,—12th August, 1889.

B. SIMPSON, M.D.,
Surgeon-General with the Govt. of India

Statement of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 31st August, 1889.

PARTICULARS.	3½ per cent. Transfer Loan of 1853-54.	4 per cent. Loans							4½ per cent. Loans				Transfer Loan of 1879, Seven Shillings per cent. Portion.	5 per cent. Loan of 1896-97.	GRAND TOTAL.
		Of 1832-33.	Of 1835-36.	Of 1841-42.	Of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	TOTAL.	Of 1870.	Of 1878.	Transfer Loan of 1879, 3½ per cent. Portion.	TOTAL.			
Balance of 15th August, 1889 .	54,700	11,35,787	26,65,000	2,44,83,100	87,39,700	4,08,60,000	2,11,02,900	9,89,86,487	55,700	73,42,400	11,02,35,000	11,76,33,100	1,33,800	32,200	21,68,40,287
Add—															
Amount enfaced at Madras between 16th and 31st August, 1889. .	...	...	1,500	1,000	1,11,000	7,000	5,000	1,25,500	...	...	15,500	15,500	...	...	1,41,000
Amount enfaced at Bombay between 16th and 31st August, 1889. . .	...	...	...	4,000	1,000	4,01,500	11,000	4,17,500	...	...	...	...	...	...	4,17,500
Amount enfaced at Calcutta between 16th and 31st August, 1889. . .	...	...	...	69,900	5,61,200	45,900	33,000	7,10,000	...	11,600	74,000	85,600	...	...	7,95,600
	54,700	11,35,787	26,66,500	2,45,58,000	94,12,900	4,13,14,400	2,11,51,900	10,02,39,487	55,700	73,54,000	11,03,24,500	11,77,34,200	1,33,800	32,200	21,81,94,387
Deduct—															
Amount written off in the London Registers . .	...	6,400	...	2,29,500	6,000	2,80,500	26,800	5,49,200	...	33,000	1,06,800	1,39,800	...	...	6,89,000
Balance on 31st August, 1889	54,700	11,29,387	26,66,5[illegible]	2,43,2[illegible],500	94,06,900	4,10,33,900	2,11,25,100	9,96,90,287	55,700	73,21,000	11,02,17,700	11,75,94,400	1,33,800	32,200	21,75,05,387

NOTE.—From 9th June, 1867, to 30th June, 1889, enfaced from India 6,072 lakhs, re-transferred from London 5,264 lakhs.

"	1st July, 1889,	to 15th July	"	"	"	1	"	"	"	3	"
"	16th "	to 31st "	"	"	"	7	"	"	"	4	"
"	1st Aug.	to 15th Aug.	"	"	"	9	"	"	"	8	"
"	16th "	to 31st "	"	"	"	13	"	"	"	7	"
						6,102 lakhs.				5,286 lakhs.	
						5,286 "					
Balance against India						816 lakhs.					

PUBLIC DEBT OFFICE,
BANK OF BENGAL,
Calcutta, 2nd September, 1889.

W. D. CRUICKSHANK,
Secretary and Treasurer.

ADMINISTRATOR GENERAL OF BENGAL.

Notices of deaths sent to the Administrator General of Bengal under Section 64 of Act II of 1874.

Name of deceased.	Place of death.	Date of death.	By whom and when death reported.	REMARKS.
Philip Powys Rogers .	Saidpur, District Rungpore.	10th August, 1889 .	District Judge of Pabna and Bogra, on the 20th August, 1889.	Reported no will found. Deceased has left a brother and mother. Property in charge of the Engineering Department. No application for administration.
Mrs. Phillip . .	General Hospital .	29th July, 1889 . .	Officiating District Judge of Jessore, on the 23rd August, 1889.	Intestate. Assets about R100. Deceased was of Morrellgunge in the District of Khulna. No application for administration.
Fanshaw Francis DeCruz.	Naini Tal . . .	21st August, 1889 .	Commissioner, Kumaon Division, on the 23rd August, 1889.	Intestate. Deceased has left a widow and four children. Reported to have left no property.
John Gaynor . .	Raipur . . .	22nd June, 1889 .	Officiating Deputy Commissioner of Raipur, on the 20th August, 1889.	Intestate. Assets about R506. Widow has applied for administration.
Henry Marcus Holtham	Pegu . . .	4th January, 1889 .	Deputy Commissioner of Pegu District, Burma, on the 15th January, 1889.	Intestate. Assets about R180. No one has applied for administration.
C. L. Chennell . .	Shillong . . .	6th August, 1889 .	Deputy Commissioner of Khasi and Jaintia Hills, on the 13th August, 1889.	Intestate. Assets believed to be below R1,000 in value. No application for administration.
Sergeant Bass . .	Henzada District, Burma.	— August, 1889 .	District Judge of Henzada, Burma, on the 20th August, 1889.	Intestate. Assets about R19-7-4. No application for administration.
E. W. Sykes . .	Nogaung in the Bhamo District.	13th July, 1889 . .	Deputy Commissioner of Bhamo, Upper Burma, on the 1st August, 1889.	Intestate. No application for administration.
R. A. Mack . .	Bhamo . . .	9th July, 1889 . .	Deputy Commissioner of Bhamo, on the 18th July, 1889.	Intestate. No application for administration.

L. P. D. BROUGHTON,
Administrator General of Bengal.

ADMINISTRATOR GENERAL'S OFFICE,
1, COUNCIL HOUSE STREET,
CALCUTTA,
The 3rd September, 1889.

Statement of the Affairs of the Bank of Bengal for the week ending 3rd September, 1889.

LIABILITIES.	R	a.	p.	R	a.	p.
Capital paid up				2,00,00,000	0	0
Reserve Fund				58,00,000	0	0
Public Deposits at Head Office .	90,75,260	1	4	2,48,80,115	13	9
Public Deposits at Branches .	1,58,04,855	12	5			
Other Deposits at Head Office and Branches				3,16,49,090	5	10
Bank Post Bills, &c.				3,24,223	13	4
Sundries				10,73,971	15	9
RUPEES .				8,37,27,402	0	8

ASSETS.	R	a.	p.	R	a.	p.
Government Securities . . .				36,04,304	0	0
Other authorised Investments . .				91,55,997	14	0
Loans on Government and other authorised Securities . . .				1,16,73,478	8	0
Accounts of Credit on Government and other authorised Securities .				82,22,398	13	8
Bills discounted and purchased .				2,64,33,687	13	7
Balances with other Banks . .				10,16,777	4	8
Bullion				18,903	12	0
Dead Stock				12,42,129	5	9
Stamps				9,861	3	0
Sundries				1,74,723	4	4
				6,15,82,261	15	0
Cash and Currency Notes at Head Office .	86,88,381	9	8	2,21,45,140	1	8
Cash and Currency Notes at Branches .	1,34,56,758	8	0			
RUPEES .				8,37,27,402	0	8

By Order of the Directors,
W. D. CRUICKSHANK,
Secretary & Treasurer.

BANK OF BENGAL,
Calcutta, the 5th September, 1889.

R. L. BISS,
Chief Accountant.

Rate for Demand Loans 5 per cent.
Percentage 38·2.

CALCUTTA UNIVERSITY.

NOTICE.

The University examinations in Arts, Law, Medicine and Engineering, 1890, will be held on the undermentioned dates :—

Entrance, F.A., and B.A. examinations on Monday, the 17th February, and following days.

M.A. and Premchand Roychand examinations on Monday, the 10th November, and following days.

B.L., Honours in Law, L.M.S., and Preliminary Scientific (L.M.S. and M.B.) examinations on Monday, the 17th March, and following days.

M.B., M.D., and F.E. examinations on Monday, the 5th May, and following days.

L.E and B.E. examinations on Monday, the 7th July, and following days.

Applications from candidates for admission to the Entrance, F.A. and B.A. examinations must be lodged with the Registrar on or before the 2nd January.

Applications from candidates for admission to the M.A. examination must be lodged with the Registrar on or before the 11th August.

Applications from candidates for admission to the B.L. and Honours in Law examinations must be lodged with the Registrar on or before the 17th February.

Applications from candidates for admission to the L.M.S. and Preliminary Scientific (L.M.S. and M.B.) examinations must be lodged with the Registrar on or before the 3rd March.

Applications from candidates for admission to the M.B. examination must be lodged with the Registrar on or before the 21st April.

Applications from candidates for admission to the M.D. examination must be lodged with the Registrar on or before the 5th April.

Applications from candidates for admission to the F.E. examination must be lodged with the Registrar on or before the 21st April.

Applications from candidates for admission to the L.E. and B.E. examinations must be lodged with the Registrar on or before the 23rd June.

All candidates from the same institution must appear at one and the same place of examination.

By order of the Vice-Chancellor,

F. J. ROWE,
Offg Registrar.

SENATE HOUSE,
The 30th August, 1889.

CALCUTTA UNIVERSITY.

NOTICE.

The Senate will proceed, in the month of March, 1890, to the election of a Tagore Professor of Law for the term of one year to commence on the 1st of November, 1890.

The salary of the Professorship is R10,000 per annum, and the Professor will be expected to deliver a course of not less than twelve lectures upon *one* of the following subjects :—

(1) The Law relating to Damages.

(2) The Law of Estoppel in British India.

(3) The Mahomedan Law relating to Marriage, Dower, Divorce, Legitimacy and Guardianship of Minors according to the Sunnis.

(4) The Mahomedan Law relating to Marriage, Dower, Divorce, Legitimacy and Guardianship of Minors according to the Shiahs.

(5) The Hindu Law of Endowments.

Candidates for the Professorship are requested to forward their applications to the Registrar on or before the 1st of January, 1890, and at the same time to state on which of the abovementioned five subjects they are prepared to lecture.

F. J. ROWE,
Offg. Registrar.

SENATE HOUSE,
The 30th August, 1889.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The undermentioned Student has passed the Examination for Honours in Medicine :—

Medicine.

Sarbadhikari, Suresprasad . . . Medl. College.

Surgery.

Sarbadhikari, Suresprasad . . . Medl. College.

F. J. ROWE,
Offg. Registrar.

SENATE HOUSE,
The 26th August, 1889.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The following changes in the Bye-laws and Regulations of the University having been sanctioned by the Senate, and approved by His Excellency the Governor-General in Council, are published for general information :—

In paragraph 3 of the Bye-laws relating to the Syndicate, the following words have been added after the word "Vice-Chancellor" :—"or in his absence from Calcutta, or when the office of Vice-Chancellor should happen to be vacant, by the senior member of the Syndicate."

Tha following has been added to the footnote appended to the word "school" in the marginal note to the Entrance certificate :—

"The Syndicate may also refuse to recognize any school that shows year after year bad results."

The following words have been inserted in the body of the certificate between the words "that" and "there":—

"judging from the exercises that he has sent up, and the test examination to which he has submitted."

In paragraph 14 of the Regulations for the second M. B. Examination, for the words "each in alphabetical order" the following have been substituted :—"the first in order of merit and the second in alphabetical order," and the following words have been added : "The candidate who shall be placed first in the first division shall receive a gold medal of the value of rupees one hundred."

F. J. ROWE,
Offg. Registrar.

SENATE HOUSE,
The 2nd September, 1889.

SURVEY OF INDIA.

NOTIFICATION.

Calcutta, the 4th September, 1889.

No. 760.—Mr. E. S. P. Atkinson, Surveyor, 2nd grade, is granted furlough for two years, under Article 371 of the Civil Service Regulations, with effect from the 29th August, 1889.

H. R. THUILLIER, *Colonel, R.E.*,
Surveyor-General of India.

AGENT TO THE GOVERNOR-GENERAL FOR CENTRAL INDIA.

NOTIFICATION.

Indore Residency, the 29th August, 1889.

No. 3800.—Captain E. E. Robertson, 1st Regiment, Central India Horse, availed himself of the thirty days' privilege leave granted him in this Office Notification, No. 3035, dated the 16th July, 1889, from the 20th July to the 19th August, 1889.

By Order,

F. W. P. MACDONALD,
Second Asst. Agent to the Govr.-Genl. for Central India.

AGENT TO THE GOVERNOR-GENERAL, RAJPUTANA.

NOTIFICATIONS.

Abu, the 31st August, 1889.

No. 3469-G.—Major A. P. Thornton, B.S.C., and Political Agent, Harowtee and Tonk, is granted one month's privilege leave, with effect from the 17th September, 1889, or such subsequent date as he may avail himself of the same.

No. 3472-G.—Second class Hospital Assistant Imdad Hussain, attached to the Residency Hospital at Oodeypore, held charge of the duties of Residency Surgeon, Meywar, in addition to his own duties, from the afternoon of the 4th May to the afternoon of the 29th June, 1889.

The 3rd September, 1889.

No. 3554-G.—Major N. C. Martelli, B.S.C. and Political Agent, Eastern States, is granted fifteen days' privilege leave, with effect from the 10th September, 1889, or such subsequent date as he may avail himself of the same.

By Order,

E. A. FRASER, *Major*,
First Asst. Agent to the Govr.-Genl., Rajputana.

CHIEF COMMISSIONER OF AJMERE-MERWARA.

NOTIFICATION.

Abu, the 27th August, 1889.

No. 930—374.—The following rules framed by the Municipal Committee of Ajmere, under Section 3 of Act XIV of 1879 (The Hackney Carriage Act) for the regulation and control of hackney carriages within the limits of Ajmere Municipality, have been approved and confirmed by the Chief Commissioner, and are now published for general information, in supersession of those published in Notifications Nos. 888 and 540, dated respectively the 23rd November, 1881, and 3rd July, 1884.

These rules shall come into force on the expiration of one calendar month from the date of this Notification.

Licenses issued under the rules hereby superseded shall be deemed to have been issued under these rules.

All hackney carriages to be licensed.

1. No hackney carriage of any kind drawn by horses shall be let to hire, or taken to ply, or offered for hire, except under a license granted in that behalf as provided in these rules.

Place of issue of license.

2. Such license shall be issued from the Municipal Office after the hackney carriage and horses have been examined and approved by one or more members of the Municipal Committee, the Secretary to the Municipal Committee and the District Superintendent of Police, who shall jointly determine the class to which the carriage shall belong.

Conditions of license.

3. There shall be four classes of licensed hackney carriages, according to the quality of the horses and vehicles, and licenses shall be granted in respect of them subject to the provisions contained in these rules and to the following conditions, *viz.* :—

(1) That the hackney carriage is in good order and repair in all its parts.

(2) That in the case of the first three classes it is provided with two serviceable lamps and in the case of a hackney carriage of the 4th class with one.

(3) That the harness is complete and serviceable.

Period of license.

4. Licenses issued under these rules shall continue in force during the official year for which they are granted.

Renewal of license.

5. Applications for the renewal of licenses shall be made one month before the expiry of the year of license, and the renewed license shall be granted in the same way and by the same officers as provided in rules 2 and 3 and on payment of the same fee as for the original license.

Transfer of license.

6. When a licensed hackney carriage is transferred to a new proprietor during the year of license the name of such proprietor shall be duly reported both by the transferor and transferee to the Municipal Office and shall be substituted in the license for the name of the transferor without further payment. Except in the case of a

driver's license revoked under rule 13, when the driver of a licensed hackney carriage is changed during the year of license, the name of the new driver shall, subject to the provisions of rule 9, be substituted in the license without further payment.

Numbering of license and hackney carriage.

7. Each license shall bear a serial number and this number and the class in which it is licensed, as well as the maximum number of passengers which it is authorized to carry, shall be printed by the proprietor in English, Hindi and Urdu, in a conspicuous place on the licensed hackney carriage.

Production of license.

8. All hackney carriage licenses shall be produced for inspection when required by any Magistrate or Police officer, or Secretary to the Municipal Committee.

Driver's license.

9. No person shall be allowed to act as driver of a licensed hackney carriage except under a driver's license, granted to him in that behalf on his being passed by the officers mentioned in rule 2.

Driver's badge.

10. Every driver so licensed shall wear while driving a licensed hackney carriage, or plying for hire, a brass badge on his arm bearing the number of his license.

Form of licenses for hackney carriages and drivers.

11. Licenses for hackney carriages and drivers shall be in the form attached to these rules. The fee for each hackney carriage license shall be two-thirds and for a driver's license and badge one-third of a day's fare fixed for the class determined for the hackney carriage.

Forfeiture of license.

12. A license issued under these rules shall be liable to revocation by order of the Chairman of the Municipal Committee on proof before him that the proprietor or his agent has been guilty of an infringement of any of these rules or has been convicted of any offence under these rules or that the conditions on which the license was granted are not fully maintained.

Forfeiture of driver's license.

13. Any driver, who cruelly beats, ill-treats, over-drives, or otherwise misuses any horse driven in a licensed hackney carriage, or has been found guilty of an infringement of any of these rules or of furious or dangerous driving, or has been convicted of any offence under these rules, shall be liable to forfeiture of his license to drive.

Inspection of premises.

14. It shall be lawful for any person named in rule 2 or any person appointed by the committee for this purpose, to enter premises, on which licensed hackney carriges, animals, harness and other things used therewith are kept, in order to carry out any of the provisions of these rules.

Stands for licensed hackney carriages.

15. The Municipality shall, from time to time, appoint places as stands for licensed hackney carriages, and no hackney carriage shall wait for hire except at such stands. The regulation of the order in which hackney carriages shall rank on the stands shall be under the control of the police.

Power of driver or proprietor to refuse a licensed hackney carriage.

16. The driver or proprietor of a licensed hackney carriage waiting on a public stand, or publicly plying for hire, shall, at any time of a day or night, be bound to give such carriage on hire to any person demanding the same, unless for good or sufficient reason, the burden of proving which shall lie on the driver or proprietor so refusing, but shall be entitled to claim his discharge after a continuous hire of a day of nine hours.

Number of persons to be carried by each licensed hackney carriage.

17. The maximum number of persons, which may be carried by each description of hackney carriage is as follows :—

Description of hackney carriage.	Number of persons.
I. Buggy . . .	Two persons excluding the driver.
II. Dog-cart . . .	Four persons including syce and driver.
III. Wagonate, phaeton or palki gari—	
(a) With one horse .	Five persons including syce and driver.
(b) With two horses .	Seven persons including syce and driver.
IV. Ekka . . .	Four adult persons including driver.

Two children under 10 years of age shall be reckoned as one adult person.

List of fares to be affixed to licensed hackney carriages.

18. Every licensed hackney carriage shall have affixed to it a list of the fares prescribed in the following rule. Such list shall be printed in English, Urdu and Hindi, and a copy of it shall be supplied yearly at the time of licensing by the Municipal Office; but the renewal of a list which has become destroyed or defaced, shall rest with the proprietor, who shall renew it at once.

Fares.

19. In the absence of any private agreement between the proprietor, agent or driver of a licensed hackney carriage and the hirer, the following rates shall be paid:—

List of fares.

	1st hour.	2nd hour.	3rd hour.	Half day of 5 hours.	Whole day of 9 hours.
	R a. p.	R a. p.	R a. p.	R a. p.	R a. p.
1st class hackney carriage . .	1 4 0	0 12 0	0 8 0	3 0 0	5 0 0
2nd class hackney carriage . .	0 12 0	0 6 0	0 6 0	2 0 0	3 0 0
3rd class hackney carriage . .	0 8 0	0 4 0	0 4 0	1 4 0	2 0 0
4th class hackney carriage . .	0 2 0	0 1 0	0 1 0	0 8 0	1 0 0

	1st class.	2nd class.	3rd class.
	R a. p.	R a. p.	R a. p.
A single journey by direct route from the railway station to any place within the municipal limits or the suburbs of Ajmere . . .	1 0 0	0 8 0	0 6 0

Minimum speed if hired by time.

20. The minimum speed at which a hackney carriage hired by time shall be driven, shall be six miles per hour.

Carrying of lights.

21. Every licensed hackney carriage of the 1st, 2nd and 3rd class shall, while plying for hire between sunset and sunrise, on dark nights, carry two lights and that of the 4th class one light.

Lost property.

22. Property found in licensed hackney carriages shall be deposited at the nearest police station by the proprietor or driver of such carriages. A list of such property shall be posted at the head-quarters, city police station, and at such other places as the District Superintendent of Police may direct.

Form of carriage license.

1. Ajmere Municipality.
2. Number and class of license.
3. Date of issue of license.
4. Do. expiry of license.
5. Name of proprietor or agent.
6. Residence of proprietor or agent.
7. Description of vehicle.
8. Licensed to carry passengers if drawn by one horse, if drawn by two horses.
9. Remarks.

Form of driver's license.

1. Ajmere Municipality.
2. Number of license.
3. Date of issue of license.
4. Name of driver.
5. Father's name.
6. Residence.
7. Remarks.

By Order,

E. A. FRASER, *Major,*

First Asst. to the Agent to the Govr.-Genl., Rajputana, & Chief Commr., Ajmere-Merwara.

Statement of Silver Balance in the Calcutta Mint for the week ending 4th September, 1889.

	R	R
Value of silver held in the Mint on account of the Currency Department on the evening of the 28th August, 1889 ..	6,41,930	
Value of Government silver in the Mint on the same date .	2,80,031	
		9,21,961
ADD—		
Silver received by the Mint during the week on account of the Currency Department	5,276	
Ditto ditto Government	2,726	
		8,002
		9,29,963
DEDUCT—		
New coin paid to Reserve Treasury during the week	...	
Petty items issued for miscellaneous purposes . . .	866	
		866
Balance on the evening of the 4th September, 1889 . .		9,29,097
The Balance comprises—		
Silver held on account of the Currency Department .	6,47,206	
Ditto ditto Government	2,81,891	
		9,29,097
There is in addition awaiting assay—		
Bullion belonging to Private Individuals . . .	1,38,411	
Ditto ditto Government	...	
		1,38,411

A. W. BAIRD, *Lieut.-Colonel, R.E.,*

Master of the Mint.

CALCUTTA MINT,

The 5th September, 1889.

Report of a Deserter or Absentee without leave from the 6th Battery, Western Division, late 8th Battery, 1st Brigade, Northern Division, Royal Artillery, dated at Fort William, this 30th day of August, 1889.

Number, Rank, and Name, —No. 40729, Gunner Thomas Ford.
Age,—25 years 7 months.
Size,—5 feet 6¼ inches.
Colour of—
Complexion, sallow; Hair, dark brown; Eyes, hazel.
Date of Desertion or Absence,—25th August, 1889.
Place of Desertion or Absence,—Fort William.
Date of Enlistment,—27th December, 1883.
At what place Enlisted,—Berwick-on-Tweed.
Parish and County in which Born,—Buncle, near Buncle, Berwickshire.
Place of residence for last 12 months before enlistment,—Not known.
Marks,—Small circular cicatrix in front of left thigh.
Trade,—Labourer.
Regimentals or plain clothes,—Regimentals, white clothing.
REMARKS,—
Under 6 years' service.

A. H. CALLWELL, *Major, R.A.,*

Comdg. 6th Batty., Western Divn., R.A., late 8th Batty., 1st Brig., Northern Divn., R.A.

Report of a Deserter or Absentee without leave from the 6th Battery, Western Division, late 8th Battery, 1st Brigade, Northern Division, Royal Artillery, dated at Fort William, this 30th day of August, 1889.

Number, Rank, and Name, —No. 68655, Gunner John Taylor.
Age,—22 years 11 months.
Height,—5 feet 6¼ inches.
Colour of—
Complexion, fair; Hair, light brown; Eyes, light grey.
Date of Desertion or Absence,—25th August, 1889.
Place of Desertion or Absene,—Fort William.
Date of Enlistment,—11th September, 1888.
At what Place Enlisted,—Middlesboro.
Parish and County where Born,—Eston, near Middlesboro., Yorkshire.
Place of residence for last 12 months before enlistment,—Not known.
Marks,—Small scar on right eyebrow and an oval mole on left buttock.
Trade,—Labourer.
Regimentals or plain clothes,—Regimentals white clothing.
REMARKS,—
Under 1 year's service.

A. H. CALLWELL, *Major, R.A.,*

Comdg. 6th Batty., Western Divn., R.A., late 8th Batty., 1st Brig., Northern Divn., R.A.

TREASURE TROVE.

NOTICE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act, VI of 1878, that on the 22nd July, 1889, the undermentioned articles, valued at R29, were found under ground in a dry field belonging to one Kayalur Rama Reddie, of Zemin Nariyur, Madurantakam Taluk, Chingleput District, by Lingappa Nattan, Arumuga Nattan, Dedachella Nattan and Chellappa Nattan :—

Two pairs of silver bracelets,
One pair of silver anklets, and
Several pieces of broken silver ornaments.

Any person claiming the said treasure or a portion thereof is required to appear personally or by agent before the Collector of Chingleput District, on the 21st January, 1890, at Saidapet, with a view to their claims being enquired into and disposed of according to law.

J. LEE WARNER,

Collector of Chingleput.

NOTICE.

In terms of Section 5 of Act VI of 1878, notice is hereby given that certain treasure consisting of gold ornaments of the value of about ₹149, was found in Survey No. 562 belonging to one Kulawd. Nothu Chawdhori of Nasirabad, Taluka Jalgaon, of the Khandesh Collectorate of the Bombay Presidency.

Claimants are hereby required to appear personally or by agent before the Mamlatdar of Jalgaon, on Wednesday, the 15th January, 1890, when he will proceed to hold an enquiry according to law.

W. W. LOCH,
Collector of Khandesh.

DHULIA,
The 28th August, 1889.

POST OFFICE.

NOTIFICATIONS.

Calcutta, the 1st September, 1889.

Commencing from the 20th September, 1889, and until further notice, the Foreign Mail Steamer will be despatched from Bombay every Friday, the Mails closing in Calcutta every Tuesday. The last Saturday Mail will be closed at the General Post Office on the 7th September current, and the first Tuesday Mail on the 17th September, 1889.

E. HUTTON,
Presidency Postmaster.

Unclaimed Letters held in the Calcutta General Post Office on the 4th September, 1889.

Boyce, W. (care of Mrs. E. Lucas.)
Browne, T. Ellis.
Cattell, Miss.
Frampton, Mrs. E.
Manager, Anglo-Colonial Metallic Works.

Letters marked "Care of Post Office."

Allen, John.
Anderson, J. K.
Anderson, Mrs. J. C.
Angelina Sander.
Berliewsky, Licon.
Bildt, Gillis.
Borooah, W.
Chamberlain, E.
Claudius, Mrs. R. B.
Cobb, Miss.
Cohn, Maritz.
Crawford, Mrs. L.
Daly, William.
Dowie, J.
Duff, George.
Dutt, G.
Ellison, Mrs. James.
Faintyley, E.
Fischer, T. & Co.
Freedman, J. J.
Gailkeera, E.
Garland, Capt. V. M.
Goldberry, M.
Grean, B.
Herklotts, A.
Hindmarsh, William.
Hooman, J. H.
Jackson, J.
James, Mr.
Jephson, L. M.
Johnson, Pte. W.
Johnston, Jas.
Johnstone, A. M.
Leblan, Geo.
Lennox, Mrs. E.
Letham, F. C.
Madden, J. H.
Manassah, E. J.
Marlly, Chas. Homan.
McKenzie, Frank.
McKenzie, James F.
McMaster, J. E.
Mitchel, Mrs. D.
Moystin, Mr.
Munro, Mrs M.
Oldham and Oldham.
O'Brien, W. W.
O'Shea, G.
Partridge, Guard.
Percy, W. H.
Pinto, Miss.
Poliscene, N.
Ramsden, Miss Kate.
Raskovitch, Emma.
Rivas, D. F.
Rosenstein, E.
Ruchwaldy, Mrs. H.
Sander, C. J.
Smart, O. G.
Staab, Henry.
Stern, Madam Lee.
Stewart, Hon. Mrs. Charles.
Sultana, Mrs. C. J.
Taksier, David.
Talbot, H. B.
Thomasson, Mrs.
Vincent, J.
Webber, M. F. V.
Wibrow, R. M.
Wise, Mrs. J. E. D.
Woods, S.

Registered Letters.

Angelina Sander.
Deny, S. O.
Eglinton, C. A.
Fishlar, Mrs. A.
John Joseph.
Labauti, Pompeo.
Lewis, W. A. S.
Madden, J. H.
Rubinsteen, Anna.

Unclaimed Letters held in the Barrackpore Post Office on the 2nd September, 1889.

Lethorn, F. C.
Paterson, F. W.

E. HUTTON,
Presidency Postmaster, Calcutta.

The 7th September, 1889.

SEA AND FOREIGN MAILS.

Mails for	Date of closing at Calcutta.	Route by which despatched.
	1889.	
Egypt, Europe, America, Cape Colonies, through United Kingdom.	7th Sept.	Per P. & O. Str. from Bombay.
Ditto ditto . .	17th ,,	Ditto.
Ditto (Book Post and Pattern Packets) . . .	16th ,,	Ditto.
Mauritius, Mayotte, Nossi Be and Réunion.	7th ,,	Ditto.
Zanzibar, Mozambique, Delagoa Bay, Natal and Cape Colonies.	7th ,,	Ditto.
Ceylon, Straits Settlements, Netherlands India, Labuan, Bankok (Siam), Philippine Islands, China and Japan . . .	9th ,,	Ditto.
Australia, New Zealand and Tasmania	9th ,,	Ditto.
Madras and Colombo . . .	13th ,,	Per Steamer *Niobe.*
Straits and Hong-Kong . .	19th ,,	Per Steamer *Wingsang.*
Rangoon and Moulmein . .	10th ,,	Per Steamer *Kapurthala.*
Ditto ditto . .	13th ,,	Per Steamer *Purnia.*
Akyab, Kyaukpyu, and Rangoon	11th ,,	Per Steamer *Madras.*
Port Blair	10th ,,	*Viâ* Rangoon.

N.B.—On ordinary days the letter-box will close at 7 P.M. precisely; after which hour inland letters and papers, fully prepaid and bearing an extra postage stamp of half anna, and foreign letters and papers fully prepaid and bearing an extra stamp of four annas, will be received up to 7-30 P.M.

On the day of despatch of the Overland Mail for Europe, the letter-box for foreign letters will close at 8-30 P.M., and late letters and papers will be received up to 9 P.M.

E. HUTTON,
Presidency Postmaster, Calcutta.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for quinine, and can be purchased by Government officers for public and charitable purposes and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates—per four-ounce tin, *₹3-14;* per eight-ounce tin, *₹7-4;* per pound tin, *₹14.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the undernoted rates—per four-ounce tin, *₹4-14;* per eight-ounce tin, *₹9-4;* per pound tin, *₹17-8.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage, four annas per four-ounce tin, eight annas per eight-ounce tin, and twelve annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا صدقه بدل هي اور كلكته كے بوٹانكل گارڈن يعني كمپني باغ كے سوپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات كے اور جو كوئي ايك مشت بيس پونڈ خريد كرنے والا هو وه نقد خريد كرنے كي شرط پر نيچے كے لكهے هوئے بهاؤ سے خريد كرسكتا هي يعني — چار اونس كے ٹين كے تين روپي چودة آنے ; آٹهه اونس كے ٹين كے ساته روپي چار آنے ; ايك پونڈ كے ٹين كے چودة روپي

اور عوام‌الناس یوٹالکل کارنس یعنے کمپنی باغ کے سوپرنٹنڈنٹ صاحب سے بقیمت نقد نیچے کے لکھے ہوئے بھاؤ سے خرید کرسکتے ہیں یعنے — چار اونس ٹیس کے چار روپی چودہ آنے ; آٹھ اونس کے ٹیس کے نو روپی چار آنے ; ایک پونڈ کے ٹیس کے سترا روپی آٹھ آنے '

یہہ دوا کلکتہ کے بڑے بڑے ولایتی اور دیسی دوا خانونمیں بکتی ہی ماسوائے قیمت مذکورۂ بالا کے محصول ڈاک چار اونس ٹیس کے چار آنے ; اور آٹھ اونس کے ٹیس کے آٹھ آنے ; ور ایک پونڈ کے ٹیس کے بارہ آنے '

METEOROLOGICAL PUBLICATIONS. FOR SALE.

At the Meteorological Office, No. 5, Russell Street; also at Messrs. Thacker, Spink & Co., at the prices specified below :—

Report on the Meteorology of India in 1875, 4to, 89 pages text, 297 pages tables, 3 charts. R8.

Report on the Meteorology of India in 1876, 4to, 97 pages text, 340 pages tables, 3 charts. R8.

Report on the Meteorology of India in 1877, 4to, 193 pages text, 375 pages tables, 3 charts. R8.

Report on the Meteorology of India in 1882, 4to, 152 pages text, 298 pages tables, 8 charts. R8.

Report on the Meteorology of India in 1883, 4to, 150 pages text, 305 pages tables, 9 charts. R8.

Report on the Meteorology of India in 1884, 4to, 153 pages text, 305 pages tables, 4 charts. R8.

Report on the Meteorology of India in 1885, 4to, 202 pages text, 315 pages tables, 4 charts. R8.

Report on the Meteorology of India in 1886, 4to, 228 pages text, 322 pages tables, 5 charts, R8.

Indian Meteorological Memoirs, Vol. I, Part I, 4to, 118 pages, 9 plates. R2-8.

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Indian Meteorological Memoirs, Vol. IV, Part I, 4to, 57 pages, 4 plates. R1-8.

Indian Meteorological Memoirs, Vol. IV, Part II, 4to, 80 pages, 4 plates. R2.

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Cyclone Memoirs, Part I, demy, 43 pages, 6 plates. R1.

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Rainfall Chart of India showing the average annual distribution of rainfall (in colours). 8a.

Rainfall Map of India (in two sheets, scale 64 miles to one inch), showing the annual distribution of rainfall (in colours.) R3.

Register of Original Observations of six stations in India for each of the years 1879 to 1887, corrected and reduced. Each year. R2-8.

The Indian Meteorologist's Vade Mecum, Part I [Instructions to Observers.] R3.

The Indian Meteorologist's Vade Mecum, Part II [The Meteorology of India]. R5.

Tables for the Reduction of Meteorological Observations in India. R2.

Barometer, Wind and Current Charts of the Bay of Bengal and adjacent sea north of the equator. R5.

Charts of the Bay of Bengal and adjacent sea north of the equator, showing the specific gravity, temperature and currents of the sea surface. R1-8.

Barometer, Wind and Current Charts of the Arabian Sea and the adjacent portion of the North Indian Ocean. R5.

JOHN ELIOT,
Offg. Meteorological Reporter to the Government of India.

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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, SEPTEMBER 7, 1889.

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PART III.

Advertisements and Notices by Private Individuals and Corporations.

PROMISSORY NOTES.

Lost.

The Government Promissory new Note No. 188719, of the 4 per cent. loan of 1842-43, for R1,000, originally standing in the name of Asutosh Ghosh, the proprietor, by whom it was never endorsed to any other person. Payment of the above note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of a duplicate in favour of the proprietor.

ASUTOSH GHOSH,
33, Raja Navakrishna's Street, Calcutta.

Lost.

The Government Promissory Note, No. 000227, of the 4 per cent. loan of 1880, for R100, originally standing in the name of Salik Ram and last endorsed by Mr. E. Feronde, the proprietor, to Ajoodhiapershad, by whom it was never endorsed to any other person. Payment of the above note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of a duplicate in favour of the proprietor.

AJOODHIAPERSHAD,
Banker, Cawnpur.

CAWNPUR,
The 31st August, 1889.

Lost.

The Government Promissory Note, No. 043931, of the 4 per cent. loan of 1842-43, for R2,000, originally standing in the name of Chhagun Koomari, the proprietress, by whom it was never endorsed to any other person. Payment of the above note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of a duplicate in favour of the proprietor.

CHHAGUN KOOMARI,
Jeypore, Rajputana.

The Gazette of India.

PUBLISHED BY AUTHORITY.

No. 37.} SIMLA, SATURDAY, SEPTEMBER 14, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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Nothing for Publication.

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Nothing for Publication.

PART VI.—Abstract of the Proceedings of the Council of the Governor-General of India, assembled for the purpose of making Laws and Regulations:—

Nothing for Publication.

SUPPLEMENT No. 37.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.

ESTABLISHMENTS.

Simla, the 11th September, 1889.

No. 562.—Mr. G. E. Ward has been permitted to resign Her Majesty's Bengal Civil Service, with effect from the 17th July, 1889.

MEDICAL.

The 11th September, 1889.

No. 570.—APPOINTMENTS.—With effect from the date on which Brigade-Surgeon T. E. B. Brown retires from the service, Surgeon-Major S. H. Browne, M.D., of the Bengal Establishment, Joint Medical Officer of Simla, to be Principal of the Lahore Medical College.

No. 571.—Surgeon-Major O. Baker, of the Bengal Establishment, Civil Surgeon, Moulmein, to be Joint Medical Officer of Simla, in succession to Surgeon-Major S. H. Browne, M.D.

ECCLESIASTICAL.

The 12th September, 1889.

No. 342.—CORRIGENDUM.—Substitute the following for Rule V., Part I., of the Revised Ecclesiastical Rules promulgated by Home Department Notification No. 103, dated the 20th June, 1885:

The officer who has charge of the cemetery under the operation of Rule I. will perform all the duties assigned to the Chaplain by Rules VII., VIII., IX., X. and XI., with the exception of the approval of designs of tombstones and of inscriptions to be cut on them. In the case of a tombstone in that part of the cemetery which is reserved for the Church of England, the proposed design and inscription must be forwarded to the Resident or Visiting Chaplain, or, if there be none, to the Archdeacon, and no action taken to erect the monument till his sanction has been obtained. In all other cases the design and inscription must be approved by the Minister of the particular denomination to which the deceased belonged. Should there be no Resident or Visiting Minister of that denomination, the inscription and design must be approved by the Senior Minister belonging to it in the province, or, if there

be none, then by the Local Government or Administration. Should a design or inscription be disapproved, it may be referred, if those who are interested desire this, through the Ecclesiastical superior of the denomination concerned to the Local Government or Administration for decision.

EDUCATION.

The 11th September, 1889.

No. 413.—Under section 12 of Act II. of 1857, the Governor-General in Council is pleased to authorize the affiliation of the Behar National School, Bankipur, to the Calcutta University in Arts up to the F. A. Standard, with effect from the 17th July, 1889.

C. J. LYALL,

Offg. Secretary to the Government of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.

EMIGRATION.

Simla, the 10th September, 1889.

No. 147—34-6-*E*.—The following draft of a proposed amendment of Schedule E, page 90 of the Rules relating to Colonial Emigration under the Indian Emigration Act, XXI. of 1883, is published under section 81 of the Act for the information of persons likely to be affected thereby; and notice is hereby given under that section that the draft will be taken into consideration by the Governor-General in Council after the expiry of one month from the date of this notification.

2. Any objection or suggestion which may be made by any person with respect to the draft will be received and considered by the Governor-General in Council.

Draft of Proposed Amendment.

To the Exceptions in Schedule E., *showing the articles prohibited from being carried as cargo in Emigrant vessels:* Under the article "Oils (essential and fixed)," add between the words "mustard" and "or" the words "castor and gingelly".

FORESTS.

The 12th September, 1889.

No. 964-*F*.—The following temporary promotions are made during the absence on furlough of Mr. B. Ribbentrop, Inspector-General of Forests to the Government of India, with effect from the 7th August, 1889, and until further orders:

Mr. H. C. Hill, Conservator, 2nd Grade, Upper Burma,—to officiate as Inspector-General of Forests.

Mr. J. W. Oliver, Officiating Conservator, 3rd Grade, Tenasserim Circle, Burma,—to hold charge of the Upper Burma Circle, *vice* Mr. Hill.

Major C. T. Bingham, B.S.C., Deputy Conservator, 1st Grade, Burma,—to officiate in the 3rd Grade of Conservators, and to hold charge of the Tenasserim Circle, *vice* Mr. Oliver.

Mr. P. J. Carter, Deputy Conservator, 2nd Grade, Burma,—to officiate in the 1st Grade of Deputy Conservators.

Mr. Oliver assumed charge of the Upper Burma Circle from Mr. Hill on the 14th July, 1889, and Major Bingham of the Tenasserim Circle from Mr. Oliver on the 7th idem.

The 13th September, 1889.

No. 979-*F*.—ERRATUM.—In the Notification of this Department No. 895-F., dated the 22nd ultimo, directing the reversion of Mr. C. F. Elliott, Officiating Deputy Conservator of Forests, 1st Grade, Punjab, to his substantive appointment of Deputy Conservator, 2nd Grade, *for* "on 10th August 1889", *read* "on 11th August 1889".

E. C. BUCK,

Secretary to the Government of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.

Simla, the 9th September, 1889.

No. 1610-*G*.—Mr. S H. King, Treasury Officer at Quetta, is granted privilege leave, for three months, with effect from the 3rd September, 1889, or the subsequent date on which he may avail himself of the leave.

No. 1612-*G*.—Mr. H. R. Smith, Head Accountant of the Treasury at Quetta, is appointed to officiate as Treasury Officer at Quetta, with effect from the date of assuming charge, and during the absence on privilege leave of Mr. S. H. King, or until further orders.

No. 1615-*G*.—Colonel A. W. Roberts, Bengal General List, Cavalry, Officiating Additional Political Agent of the 1st Class, and Political Agent in Kotah, reverts to his substantive grade of Political Agent of the 2nd Class, and is posted as Cantonment Magistrate at Nasirabad, with effect from the date of assuming charge.

The 12th September, 1889.

No. 1635-*G*.—The following appointment is made in the Central India Horse, with effect from the 3rd February, 1889:

Major H. A. Vincent, Second-in-Command, 2nd Regiment, to be Second-in-Command, 1st Regiment, *vice* Colonel H. M. Bluer, promoted.

Consequent on the appointment of Major H. A. Vincent to be Second-in-Command, 1st Regiment, and pending the return from staff employment of Colonel M. G. Gerard, C.B., Second-in-Command, 2nd Regiment, the following substantive *pro tempore* appointments are

made in the Central India Horse, with effect from the 3rd February, 1889:

Captain A. Masters, Second Squadron Commander, 2nd Regiment, to be Second-in-Command, 2nd Regiment.

Captain A. G. A. Durand, 3rd Squadron Commander, 2nd Regiment, to be Second Squadron Commander, 2nd Regiment.

Captain J. B. Edwards, 4th Squadron Commander, 1st Regiment, to be 3rd Squadron Commander, 2nd Regiment.

Lieutenant L. Herbert, Squadron Officer, 1st Regiment, to be 4th Squadron Commander, 1st Regiment.

Lieutenant C. V. F. Townshend (attached), Officiating Squadron Officer, 2nd Regiment, to be Squadron Officer, 1st Regiment.

No. 1793-*E*.—In exercise of the powers conferred by sections 8 and 56 of the Indian Christian Marriage Act, XV. of 1872, the Governor-General in Council is pleased to appoint the Reverend James Shaw, being a Minister of the American Presbyterian Church, to be a Marriage Registrar for the Quetta District, the Bolan Pass, including Rindli and the line of Railway from the frontier of British India near Jacobabad to the frontier of British Baluchistan near Sibi, and to appoint the Registrar-General of Births, Deaths, and Marriages for the Punjab to be the officer to whom the said Marriage Registrar shall send the certificates mentioned in section 54 of that Act.

The 13th September, 1889.

No. 1638-*G*.—Surgeon-Major A. S. G. Jayakar, Indian Medical Service, (Bombay), Agency Surgeon at Muscat, is granted privilege leave for three months, with effect from the 25th October, 1889, or the subsequent date on which he may avail himself of the leave.

No. 1643-*G*.—The following promotions are made in the graded list of the Political Department:

Consequent on the grant of furlough to Colonel E. Mockler, Political Agent of the 2nd Class, and with effect from 2nd March 1889,—

Mr. Ney Elias, C.I.E., Political Agent of the 3rd Class, to officiate as a Political Agent of the 2nd Class.

Captain H. L. Ramsay, Bengal Staff Corps, Political Assistant of the 1st Class, to officiate as a Political Agent of the 3rd Class.

Mr. E. G. Colvin, Officiating Political Assistant of the 2nd Class, to officiate as a Political Assistant of the 1st Class.

Lieutenant C. Archer, Bengal Staff Corps, Political Assistant of the 3rd Class, substantive *pro tempore*, to officiate as a Political Assistant of the 2nd Class.

Lieutenant K. D. Erskine, Bengal Staff Corps, Officiating Political Assistant of the 3rd Class, to be a Political Assistant of the 3rd Class, substantive *pro tempore*.

Consequent on the grant of furlough to Colonel J. Biddulph, Political Agent of the 1st Class, and with effect from the 20th March 1889,—

Colonel A. W. Roberts, Bengal General List, Cavalry, Political Agent of the 2nd Class, to officiate as a Political Agent of the 1st Class.

Major E. A. Fraser, Madras Staff Corps, Political Agent of the 3rd Class, to officiate as a Political Agent of the 2nd Class.

Lieutenant A. F. Pinhey, Bombay Staff Corps, Officiating Political Assistant of the 2nd Class, to be a Political Assistant of the 2nd Class, substantive *pro tempore*.

Lieutenant K. D. Erskine, Bengal Staff Corps, Political Assistant of the 3rd Class, substantive *pro tempore*, to officiate as a Political Assistant of the 2nd Class.

Lieutenant C. H. Pritchard, Bombay Staff Corps, Officiating Political Assistant of the 3rd Class, to be a Political Assistant of the 3rd Class, substantive *pro tempore*.

Consequent on the appointment of Colonel A. W. Roberts, Officiating Political Agent of the 1st Class, to officiate as an Additional Political Agent of the 1st Class, and as Political Agent in Kotah, with effect from the 5th April 1889,—

Mr. H. S. Barnes, Political Agent of the 2nd Class, substantive *pro tempore*, to officiate as a Political Agent of the 1st Class.

Colonel V. E. Law, Madras General List, Cavalry, Officiating Political Agent of the 2nd Class, to be a Political Agent of the 2nd Class, substantive *pro tempore*.

Mr. A. H. T. Martindale, Officiating Political Agent of the 2nd Class, to be a Political Agent of the 2nd Class, substantive *pro tempore*.

Major J. H. Newill, Madras Staff Corps, Political Agent of the 3rd Class, to officiate as a Political Agent of the 2nd Class.

Lieutenant W. C. R. Stratton, Bengal Staff Corps, Officiating Political Agent of the 3rd Class, to be a Political Agent of the 3rd Class, substantive *pro tempore*.

Major G. Gaisford, Bengal Staff Corps, Political Assistant of the 1st Class, to officiate as a Political Agent of the 3rd Class.

Lieutenant A. F. Pinhey, Bombay Staff Corps, Political Assistant of the 2nd Class, substantive *pro tempore*, to officiate as a Political Assistant of the 1st Class.

Lieutenant J. Ramsay, Bengal Staff Corps, Officiating Political Assistant of the 2nd Class, to be a Political Assistant of the 2nd Class, substantive *pro tempore*.

Lieutenant C. H. Pritchard, Bombay Staff Corps, Political Assistant of the 3rd Class, substantive *pro tempore*, to officiate as a Political Assistant of the 2nd Class.

Lieutenant L. Impey, Bengal Staff Corps, Officiating Political Assistant of the 3rd Class, to be a Political Assistant of the 3rd Class, substantive *pro tempore*.

Consequent on the appointment of Mr. H. S. Barnes, Officiating Political Agent of the 1st Class, to officiate as Under-Secretary to the Government of India in the Foreign Department, and with effect from the 15th April 1889,—

Colonel V. E. Law, Madras General List, Cavalry, Political Agent of the 2nd Class, substantive *pro tempore*, to officiate as a Political Agent of the 1st Class.

Mr. Ney Elias, C.I.E., Officiating Political Agent of the 2nd Class, to be a Political Agent of the 2nd Class, substantive *pro tempore*.

Major A. P. Thornton, Bengal Staff Corps, Political Agent of the 3rd Class, to officiate as a Political Agent of the 2nd Class.

Captain C. Herbert, Bengal Staff Corps, Officiating Political Assistant of the 1st Class, to officiate as a Political Agent of the 3rd Class.

Lieutenant J. Ramsay, Bengal Staff Corps, Political Assistant of the 2nd Class, substantive *pro tempore*, to officiate as a Political Assistant of the 1st Class.

Lieutenant J. Manners Smith, Bengal Staff Corps, Officiating Political Assistant of the 2nd Class, to be a Political Assistant of the 2nd Class, substantive *pro tempore*.

Lieutenant L. Impey, Bengal Staff Corps, Political Assistant of the 3rd Class, substantive *pro tempore*, to officiate as a Political Assistant of the 2nd Class.

Consequent on the grant of special leave to Mr. G. S. Forbes, Political Agent of the 2nd Class, substantive *pro tempore*, and with effect from the 22nd April 1889,—

Colonel V. E. Law, Madras General List, Cavalry, Officiating Political Agent of the 1st Class, to be a substantive Political Agent of the 2nd Class. Colonel Law will continue to officiate as a Political Agent of the 1st Class.

Mr. P. J. C. Robertson, Political Agent of the 3rd Class, to officiate as a Political Agent of the 2nd Class.

Major W. Loch, Bombay Staff Corps, Political Assistant of the 1st Class, to be a substantive Political Agent of the 3rd Class. Major Loch will continue to be seconded as an Additional Political Agent of the 3rd Class.

Captain H. M. Temple, Bengal Staff Corps, Officiating Political Agent of the 3rd Class, to be a substantive Political Agent of the 3rd Class.

Captain T. C. Pears, Bengal Staff Corps, Political Assistant of the 2nd Class, to be a substantive Political Assistant of the 1st Class on the seconded list.

Captain C. Herbert, Bengal Staff Corps, Officiating Political Agent of the 3rd Class, to be a substantive Political Assistant of the 1st Class.

Captain Herbert will continue to officiate as a Political Agent of the 3rd Class.

Mr. E. G. Colvin, Officiating Political Assistant of the 1st Class, to be a substantive Political Assistant of the 2nd Class. Mr. Colvin will continue to officiate as a Political Assistant of the 1st Class.

Lieutenant J. R. C. Colvin, Bengal Staff Corps, to be a substantive Political Assistant of the 3rd Class on the seconded list.

Lieutenant J. Manners Smith, Bengal Staff Corps, Political Assistant of the 2nd Class, substantive *pro tempore*, to be a substantive Political Assistant of the 3rd Class. Lieutenant Manners Smith will continue to be a Political Assistant of the 2nd Class, substantive *pro tempore*.

Consequent on the grant of furlough to Lieutenant C. H. Pritchard, Officiating Political Assistant of the 2nd Class, and with effect from the 1st May 1889,—

Lieutenant F. W. P. Macdonald, Bengal Staff Corps, Officiating Political Assistant of the 3rd Class, to officiate as a Political Assistant of the 2nd Class.

Lieutenant M. A. Tighe, Madras Staff Corps, Officiating Political Assistant of the 3rd Class, on return from privilege leave to be a Political Assistant of the 3rd Class, substantive *pro tempore*, with effect from the 15th May 1889, to fill an existing vacancy.

Lieutenant G. F. Chenevix-Trench, Bombay Staff Corps, Officiating Political Assistant of the 3rd Class, to be a Political Assistant of the 3rd Class, substantive *pro tempore*, with effect from the 17th May 1889, to fill an existing vacancy.

Consequent on the reappointment of Major A. C. Talbot, C.I.E., Political Agent of the 1st Class, to be an Additional Political Agent of the 1st Class and Political Agent in Bikanir, with effect from the 24th May 1889,—

Lieutenant-Colonel H. Wylie, C.S.I., Bengal General List, Infantry, Officiating Political Agent of the 1st Class, to be a substantive Political Agent of the 1st Class.

Mr. Ney Elias, C.I.E., Political Agent of the 2nd Class, substantive *pro tempore*, to be a substantive Political Agent of the 2nd Class.

Major E. A. Fraser, Madras Staff Corps, Officiating Political Agent of the 2nd Class, to be a Political Agent of the 2nd Class, substantive *pro tempore*.

Captain H. L. Ramsay, Bengal Staff Corps, Officiating Political Agent of the 3rd Class, to be a substantive Political Agent of the 3rd Class.

Captain W. E. Evans-Gordon, Madras Staff Corps, Political Assistant of the 2nd Class, to be a substantive Political Assistant of the 1st Class.

Lieutenant H. Daly, Bengal Staff Corps, Political Assistant of the 3rd Class, to be a substantive Political Assistant of the 2nd Class on the seconded list.

Lieutenant L. S. Newmarch, Bengal Staff Corps, Political Assistant of the 3rd Class, to be a substantive Political Assistant of the 2nd Class. Lieutenant Newmarch will continue to officiate as Cantonment Magistrate at Secunderabad.

Lieutenant C. Archer, Bengal Staff Corps, Officiating Political Assistant of the 2nd Class, to be a substantive Political Assistant of the 3rd Class. Lieutenant Archer will continue to officiate as a Political Assistant of the 2nd Class.

The substantive appointments of Lieutenants J. Manners Smith and C. Archer, and the substantive promotions of Captains H. M. Temple and C. Herbert, Lieutenant-Colonel H. Wylie, C.S.I., Mr. Ney Elias, C.I.E., Captains H. L. Ramsay and W. E. Evans-Gordon, and Lieutenants H. Daly and L. S. Newmarch, are provisional, under the operation of article 109 of the Civil Service Regulations.

No. 1648-*G*.—Major E. L. Durand, C.B., Bengal Staff Corps, is confirmed in the appointment of Resident of the 2nd Class and Resident in Nepal, with effect from the 25th May 1889.

H. M. DURAND,

Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

LEAVE AND APPOINTMENTS.

Simla, the 12th September, 1889.

No. 4693.—Mr. C. G. Vansittart, Assistant Accountant-General, Bengal, is granted privilege leave for twelve days from the 11th October, 1889.

Mr. I. C. Bose, Assistant Comptroller-General in charge of Outside Audits, is posted as Assistant Accountant-General, Bengal, during Mr. Vansittart's absence on privilege leave.

The 13th September, 1889.

No. 4739.—The services of Mr. R. G. Thomson, Post Master General, Punjab, are replaced at the disposal of the Government of the Punjab from the 25th September, 1889.

No. 4741.—Mr. J. Dillon, Comptroller, Post Office, is appointed a Post Master General of the Second Grade, and placed in charge of the Punjab Circle, with effect from the 25th September, 1889.

Mr. E. Hutton, Presidency Post Master, Calcutta, is temporarily appointed Comptroller, Post Office.

No. 4749.—In partial modification of Notification No. 3669 of 16th July, 1889, Mr. H. S. Groves, Assistant Accountant-General, Bombay, is appointed to act as Deputy Accountant-General, Bombay, from the 1st October, 1889, during the absence on privilege leave of Mr. J. C. E. Branson.

SEPARATE REVENUE.

STAMPS.

Judicial Stamps.

The 10th September, 1889.

No. 4650.—Under section 35 of the Court-fees Act, VII. of 1870, and in supersession of all previous notifications under that section, it is hereby notified that, in exercise of the power to reduce or remit, in the whole or in any part of British India, all or any of the fees mentioned in the First and Second Schedules to the said Act, the Governor-General in Council has been pleased to make the reductions and remissions hereinafter set forth, namely :

A.—General for the whole of British India.

(1) to remit the fees chargeable on applications presented to a Collector for refund of the amount paid to the Government for stamped paper which has become spoiled or unfit for use, or is no longer required for use, and on applications for renewal of stamped paper which has become spoiled or unfit for use ;

(2) to remit the fees chargeable on applications in writing relating exclusively to the purchase of salt which is the property of the Government ;

(3) to direct that, when a plaint disclosing a reasonable case on the merits is presented to any Civil or Revenue Court in such a form that the presiding Judge or officer, without summoning the defendant, rejects it not for any substantial defect but on account of an entirely technical error in form only and so as to leave the plaintiff free to prosecute precisely the same case in another form against the same defendant or defendants, the value of the stamp on the plaint shall be refunded on presentation of an application to the Collector of the district in which the Court is situated, together with a certificate from the Judge or officer who rejected the plaint that it was rejected under the circumstances above described, and that the value of the stamp should, in his opinion, be refunded ;

(4) to remit the fees chargeable on—

(*a*) copies of village settlement-records furnished to landholders and cultivators during the currency or at the termination of settlement-operations ;

(*b*) lists of fields extracted from village settlement-records for the purpose of being filed with petitions of plaint in Settlement Courts :

Provided that nothing in this clause shall apply to copies of judicial proceedings, or to copies of village settlement-records (other than lists of fields extracted as aforesaid) which may be filed in any Court or office ;

(5) to declare that the fee chargeable on a plaint filed in a suit for possession of immoveable property under section 9 of the Specific Relief Act, I. of 1877, shall be one-half of the amount prescribed in the scale of fees for plaints mentioned in article 1 of the First Schedule ;

(6) to direct that the fee chargeable on appeals from orders under section 244 of the Code of Civil Procedure, Act XIV. of 1882, shall be limited to the amounts chargeable under article 11 of the Second Schedule ;

(7) to remit the fees chargeable on security-bonds for the keeping of the peace by, or good behaviour of, persons other than the executants ;

(8) to remit the fee payable under article 1, clause (*c*), of the Second Schedule on an application or petition presented to a Chief Commissioner, when the application or petition is accompanied by a petition to the Government of India and contains merely a request that that petition may be forwarded to the Government of India ;

(9) to remit the fees chargeable under articles 6, 7 and 9 of the First Schedule on copies furnished by Civil or Criminal Courts or Revenue Courts or Offices for the private use of persons applying for them :

Provided that nothing in this clause shall apply to copies when filed, exhibited or recorded in any Court of Justice or received by any public officer ;

(10) to remit the fees chargeable, under paragraph 4 of clause (*a*) and paragraph 2 of clause (*b*) of article 1 of the Second Schedule, on applications for orders for the payment of deposits in cases in which the deposit does not exceed Rs. 25 in amount :

Provided that the application is made within three months of the date on which the deposit first became payable to the party making the application ;

(11) to remit, with reference to clause *i* of section 19 of the Act, the fees chargeable on applications for leave to occupy under direct engagement with the Government land of which

the revenue is settled, but not permanently, when made by persons who do not at the time of application hold the land;

(12) to remit the fees chargeable on applications for loans under the Land Improvement Loans Act, XIX. of 1883, or the Agriculturists' Loans Act, XII. of 1884;

(13) to remit the fee chargeable on an application made by a person to the Collector under the second paragraph of section 39 of the Indian Stamp Act, I. of 1879, for the return to that person, or to the registration-officer who impounded it, of a document impounded and sent to the Collector by a registration-officer;

(14) to remit the fee chargeable on an application made for transfer of a stock-note from one circle to another under paragraph 6 of Resolution No. 2566, dated the 20th August, 1885;

(15) to remit the fees chargeable on the following documents, namely:

(*a*) copy of a charge framed under section 210 of the Code of Criminal Procedure, 1882, or of a translation thereof, when the copy is given to an accused person;

(*b*) copy of the evidence of supplementary witnesses after commitment, when the copy is given under section 219 of the said Code to an accused person;

(*c*) copy or translation of a judgment in a case other than a summons-case, and copy of the heads of the Judge's charge to the jury, when the copy or translation is given under section 371 of the said Code to an accused person;

(*d*) copy or translation of a judgment in a summons-case, when the accused person to whom the copy or translation is given under section 371 of the said Code is in jail;

(*e*) copy of an order of maintenance, when the copy is given under section 490 of the said Code to the person in whose favour the order is made, or to his guardian, if any, or to the person to whom the allowance is to be paid;

(*f*) copy furnished to any person affected by a judgment or order passed by a Criminal Court of the Judge's charge to the jury, or of any order, deposition or other part of the record, when the copy is not a copy which may be granted under any of the preceding sub-clauses without the payment of a fee, but is a copy which, on its being applied for under section 548 of the said Code, the Judge or Magistrate, for some special reason to be recorded by him on the copy, thinks fit to furnish without such payment;

(*g*) copies of all documents furnished under the orders of any Court or Magistrate to any Government Advocate or Pleader or other person specially empowered in that behalf for the purpose of conducting any trial or investigation on the part of the Government before any Criminal Court;

(*h*) copies of all documents which any such Advocate, Pleader or other person is required to take in connection with any such trial or investigation, for the use of any Court or Magistrate, or may consider necessary for the purpose of advising the Government in connection with any criminal proceedings;

(*i*) copies of judgments or depositions required by officers of the Police Department in the course of their duties;

(16) to direct that the fee chargeable—

(*a*) on an application to a Collector, or to any officer or person discharging all or any of the functions of a Collector, with respect either to liability to assessment or to the amount of an assessment under Act II. of 1886 (*an Act for imposing a tax on income derived from sources other than agriculture*), and

(*b*) on a copy of an order passed under section 26 of the same Act,

shall be limited to one anna;

(17) to remit the fee chargeable on an application presented by any person for the return of a document filed by him in any Court or public office;

(18) to direct that, when a part of an estate paying annual revenue to the Government under a settlement which is not permanent is recorded in the Collector's register as separately assessed with such revenue, the value of the subject-matter of a suit for the possession of, or to enforce a right of pre-emption in respect of, a fractional share of that part shall, for the purposes of the computation of the amount of the fee chargeable in the suit, be deemed not to exceed five times such portion of the revenue separately assessed on that part as may be rateably payable in respect of the share;

(19) to direct that, if the amount of the fee chargeable in any case involves a fraction of an anna, the fraction shall be remitted, except where otherwise expressly provided by this notification;

B.—Special for the Presidency of Fort St. George only.

(20) to direct that the fees chargeable on the following documents filed in claims preferred under Madras Regulation VI. of 1831 (*Hereditary Offices*) shall be limited to the amounts specified against each, namely:

Plaint or petition for execution—eight annas;

Memorandum of appeal—two rupees;

(21) to remit the fees chargeable on copies of judgments or decisions passed on claims preferred under Madras Regulation VI. of 1831 (*Hereditary Offices*);

(22) to remit the fees chargeable under the First Schedule on plaints in summary suits brought before Collectors under Madras Act VIII. of 1865 (*An Act to consolidate and improve the laws which define the process to be taken for the recovery of rent*);

(23) to reduce the fees chargeable in suits by Government raiyats, for the recovery of land sold for arrears of revenue, to the amount which would be chargeable if the value of the subject-matter were only the rent of the land payable for the year next before the date of presentation of the plaint;

C.—Special for the Bombay Presidency only.

(24) to remit the fees chargeable under the Second Schedule on agreements required by rule 75 of the rules made by the Governor of Bombay in Council under clause (*i*) of section 214 of the Bombay Land-revenue Code (Bombay Act V. of 1879);

(25) to direct that the fee chargeable on a plaint presented under the Mamlatdars' Courts Act (Bombay Act III. of 1876) shall not exceed eight annas;

(26) to reduce to a uniform rate of four annas per copy the fee chargeable under article 7 of the First Schedule on copies of decrees or orders having the force of a decree issued by Mamlatdars under the Mamlatdars' Courts Act (Bombay Act III. of 1876);

(27) to remit the fees chargeable under article 1 of the Second Schedule on all applications made to a Collector or other Revenue-officer, or to the Chief Controlling Revenue-authority, by any of the undermentioned political pensioners, being the eldest sons or representatives of the ex-Amirs of Sindh and Sirdars of note:

District.	Number and Names of Pensioners.
Karachi ...	1. Jam Murad Ali, son of Jam Mehr Ali, Jokia.
Hyderabad ...	1. His Highness Mir Hasan Ali Khan, son of Mir Nasir Khan, Talpur. 2. His Highness Mir Nur Muhammad Khan, son of Mir Hasan Ali Khan, Talpur. 3. His Highness Mir Fateh Khan, son of Mir Sher Muhammad Khan, Talpur.
Shikarpur ...	1. Mir Imam Baksh Khan, son of Mir Muhammad Hasan Khan. 2. Mir Walidad Khan, son of Mir Muhammad Hasan Khan. 3. Mir Ahmed Khan, son of Mir Muhammad Hasan Khan. 4. Mir Fazl Hasan Khan, son of Mir Sohrab Khan. 5. 3rd Dehra of the late Mir Muhammad Hasan Khan. 6. 1st Dehra of the late Mir Sohrab Khan. 7. 2nd Dehra of the late Mir Sohrab Khan. 8. Mir Najaf Ali Khan, walad Mir Ali Akbar Khan. 9. Mir Abdul Kadir Khan, walad Mir Ali Akbar Khan. 10. Mir Ali Madat Khan, son of Mir Nasir Khan. 11. Mir Ali Ahmed Khan, walad Mir Nasir Khan. 12. Bibi Vilayat, 2nd Dehra of the late Mir Nasir Khan. 13. Chand Bibi, 3rd Dehra of the late Mir Nasir Khan. 14. Naz Bibi, 2nd Dehra of the late Mir Muhammad Ali Khan. 15. Mir Mubarak Khan, walad Mir Wali Muhammad Khan. 16. Mir Gul Hasan Khan, walad Mir Wali Muhammad Khan. 17. Mir Khan Muhammad Khan, walad Mir Wali Muhammad Khan. 18. Mir Yar Muhammad Khan, walad Mir Wali Muhammad Khan. 19. Bibi Chanae, 1st Dehra of Mir Wali Muhammad Khan. 20. Mir Ali Baksh Khan, walad Mir Fazl Muhammad Khan. 21. Mir Amir Baksh Khan, walad Mir Fazl Muhammad Khan. 22. Mir Gulam Murtaza Khan, walad Mir Chakar Khan. 23. Chief Dehra of the late Mir Ali Muhammad Khan. 24. 2nd Dehra of the late Mir Ali Muhammad Khan.

(28) to remit the fees chargeable on plaints under section 16 of the Dekkhan Agriculturists' Relief Act, XVII. of 1879, except in the district of Satara, where the said fees shall be reduced to one-half;

(29) to remit the fees chargeable in respect of the documents specified in the First or Second Schedule in the case of suits for the redemption of mortgaged property when the plaintiff or, where there are several plaintiffs, any one of the plaintiffs is an agriculturist, and when such suits are instituted within the districts of the Bombay Presidency in which the Dekkhan Agriculturists' Relief Act, XVII. of 1879, is in force, except in the district of Satara, where the said fees shall be reduced to one-half;

(30) to remit the fees chargeable in respect of powers-of-attorney furnished to relatives, servants or dependents under section 68 of the Dekkhan Agriculturists' Relief Act, XVII. of 1879;

(31) to remit the fees chargeable in respect of the documents specified in the First or Second Schedule in the case of suits instituted before village-munsifs under Chapter V. of the Dekkhan Agriculturists' Relief Act, XVII. of 1879;

(32) to remit the fees chargeable in respect of proceedings taken under section 19, second clause, of the Dekkhan Agriculturists' Relief Act, XVII. of 1879;

(33) to remit the fees chargeable in respect of proceedings in matters relating to insolvency under Chapter IV. of the Dekkhan Agriculturists' Relief Act, XVII. of 1879;

(34) to reduce to one-half the fees chargeable in the case of suits to which Chapter II. of the Dekkhan Agriculturists' Relief Act, XVII. of 1879, applies, except suits of the description mentioned in section 3, clause (*w*) or clause (*x*), of that Act to which an agriculturist is not a party:

Provided that, when the reduced fee amounts to a fraction of an anna, the fee chargeable shall be one anna;

(35) to remit the fees chargeable on copies of documents furnished by a Court of Session or the High Court in the Presidency of Bombay, or by the Sadr Court in Sind, to a pleader appointed by the Court to defend a person accused of murder;

NOTE.—For further special provisions affecting Bombay, see heading K. below.

D.—Special for Bengal only.

(36) to remit in the Hill Tracts of Chittagong all the fees mentioned in the First and Second Schedules;

(37) to declare that the proper fee to be charged upon an application to deposit in any Court rent, not exceeding the sum of fifteen rupees, shall be as follows:

	Proper fee.
If the amount deposited does not exceed Rs. 2-8	one anna.
If the amount deposited exceeds Rs. 2-8 but does not exceed Rs. 5 . . .	two annas.
If the amount deposited exceeds Rs. 5 but does not exceed Rs. 10 . . .	four annas.
If the amount deposited exceeds Rs. 10 but does not exceed Rs. 15 . . .	six annas.

Provided that no fee shall be chargeable on an application to deposit rent in respect of which a fee is chargeable under any rule framed under sub-section (*a*) of section 61 of the Bengal Tenancy Act, VIII. of 1885;

NOTE.—For further special provisions affecting Bengal, see heading K. below.

E.—Special for the North-Western Provinces only.

(38) to reduce to eight annas the fee chargeable on a copy of any number of entries in a settlement-record relating to any one village in Kumaon or Garhwal;

(39) to remit the fees chargeable on all documents filed, exhibited or recorded in, or received or furnished by, the Court of the Special Judge appointed under the Jhansi Encumbered Estates Act, XVI. of 1882;

(40) to remit the fees chargeable on all documents connected with the proceedings in the Court of the Commissioner under the Jhansi Encumbered Estates Act, XVI. of 1882, except on memoranda of appeal and on applications for revision of any decision or order of the Special Judge under Chapter VI. of the said Act;

(41) to direct that the fee chargeable on any appeal against a decision of the Special Judge under Chapter VI. of the Jhansi Encumbered Estates Act, XVI. of 1882, shall not exceed eight annas;

NOTE.—For further special provisions affecting the North-Western Provinces, see heading K. below.

F.—Special for the Punjab only.

(42) to remit the fees chargeable on copies of orders or proceedings under section 37 of the Punjab Land-revenue Act, XVII. of 1887, made or recorded by Collectors or other Revenue-officers engaged in revising a record-of-rights under a notification published in accordance with section 32 of the said Act:

Provided that the copy is furnished for the purpose of being filed with an application or petition to a Collector or other Revenue-officer engaged as aforesaid in revising a record-of-rights, or to the Commissioner of the division, or to the Financial Commissioner, Punjab, relating to matters connected with the assessment of land or the ascertainment of rights thereto, or interests therein, if presented previous to the final confirmation of such revision;

(43) to remit the fees chargeable on applications under section 97 of the Punjab Land-revenue Act, XVII. of 1887, made by village-officers in accordance with the provisions of rule 83 of the rules under that Act published with the Notification of the Punjab Government No. 76, dated the 1st March 1888;

NOTE.—For further special provisions affecting the Punjab, see heading K. below.

G.—Special for Lower Burma only.

(44) to remit the fees chargeable on the following documents furnished to cultivators, namely:

certified copies of maps showing the holdings of cultivators, or of extracts from the settlement or supplementary survey registers connected therewith;

(45) to remit the fees chargeable on applications for advances under rule 146 of the rules framed under the Burma Land and Revenue Act, II. of 1876;

NOTE.—For further special provisions affecting Lower Burma, see heading K. below.

H.—Special for Upper Burma only.

(46) to remit the fees chargeable on plaints, applications, petitions and copies which are filed, exhibited or recorded in the Court of a Circle Officer, or in any Court presided over by a Thugyi or Myothugyi, or which are received or furnished by a Thugyi or Myothugyi:

for the purposes of this clause the expression "Thugyi or Myothugyi" includes any person, however designated, who in any part of Upper Burma occupies a position similar to that which is held in other parts by a Thugyi or Myothugyi;

I.—Special for the Central Provinces only.

(47) to direct that the fee chargeable on a petition of objection to assessment under Act XIV. of 1867 (*An Act to provide for the assessment of the Pandhari-tax in certain parts of the Central Provinces*) shall, whatever may be the amount of the assessment to which the petition relates, be limited to one anna;

NOTE.—For further special provisions affecting the Central Provinces, see heading K. below.

K.—Special for the Bombay Presidency, Bengal, the North-Western Provinces and Oudh, the Punjab, Lower Burma, the Central Provinces, Ajmere and Coorg.

(48) to direct that, whenever, upon payment of the full fee, a certificate of administration has been granted under Act XL. of 1858 (*An Act for making better provision for the care of the persons and property of Minors in the Presidency of Fort William in Bengal*) or Act XX. of 1864 (*An Act for making better provision for the care of the persons and property of Minors in the Presidency of Bombay*), and a fresh certificate is for any reason subsequently granted in respect of the same estate, no fee shall be chargeable upon the fresh certificate so granted.

NOTE.—For special provisions affecting Bombay, Bengal, the North-Western Provinces, the Punjab, Lower Burma and the Central Provinces see *supra*, headings C., D., E., F., G., and I., respectively.

PAPER CURRENCY.

The 13th September, 1889.

NO. 4744.—*Abstract of the Accounts of the Department of Issue of Paper Currency on the 31st August, 1889, published as required by Section 27 of the Indian Paper Currency Act, XX. of 1882.*

CIRCLES OF ISSUE.	Whole amount of Notes in circulation.	RESERVE IN SILVER COIN AND BULLION.		
		Coin.	Bullion.	Total.
	Rs.	*Rs.*	*Rs.*	*Rs.*
Calcutta .	6,01,30,845	1,23,27,738	6,30,882	1,29,58,620
Allahabad .	88,82,270	1,21,64,850	...	1,21,64,850
Lahore .	88,59,265	69,83,265	...	69,83,265
Bombay .	5,76,58,920	4,26,33,443	85,96,897	5,12,30,340
Kurrachee .	44,11,555	36,61,115	17,000	36,78,115
Madras .	1,81,99,800	55,97,005	70,000	56,67,005
Calicut .	15,23,055	13,38,230	...	13,38,230
Rangoon .	21,57,800	75,03,105	...	75,03,105
TOTAL .	16,15,23,510	9,22,08,751	93,14,779	10,15,23,530
Price paid for Government Securities of the nominal value of Rs. 6,25,31,100 held under Section 19 of the Act				5,99,99,980
GRAND TOTAL				16,15,23,510

E. J. SINKINSON,

Secretary to the Government of India.

MILITARY DEPARTMENT.

Simla, the 13th September, 1889.

APPOINTMENTS.

HYDERABAD CONTINGENT.

No. 801.—*2nd Infantry*—

Surgeon-Major T. Hume, M.B., Madras Medical Establishment, to be officiating Medical Officer, *vice* Surgeon-Major C. L. Swaine, M.B., on furlough, with effect from the 28th August, 1889.

ORDNANCE DEPARTMENT.

No. 802.—Major G. G. Monck-Mason, R.A., Ordnance Officer, 1st class, is granted an extension of service in the Ordnance Department for two years, with effect from the 4th September, 1889.

STAFF CORPS.

No. 803.—Lieutenant Frederic Alexander Smith, Yorkshire Light Infantry, Wing Officer, 2nd Bengal Infantry, is admitted to the Bengal Staff Corps from the 1st March, 1888, subject to confirmation by the Secretary of State for India.

No. 804.—The undermentioned officers having completed eighteen months' probationary service, are admitted to the Bengal Staff Corps, with effect from the dates specified, subject to confirmation by the Secretary of State for India:

Lieutenant Lindesay Maxwell Bell, Lincolnshire Regiment, officiating Wing Officer, 42nd Gurkha Light Infantry,—7th December, 1887.

Second Lieutenant Hamilton George Maxwell, Connaught Rangers, officiating Squadron Officer, 16th Bengal Cavalry,—29th January, 1888.

Second Lieutenant John Hill, Oxfordshire Light Infantry, Wing Officer, 2nd Bengal Infantry,—11th February, 1888.

Second Lieutenant Godfrey Walker Robinson, 1st West India Regiment, officiating Wing Officer, 27th Bengal Infantry,—29th February, 1888.

Second Lieutenants Maxwell, Hill, and Robinson will rank as Lieutenants in the Bengal Staff Corps, with effect from the 29th January, and 11th and 29th February, 1888, respectively, subject to Her Majesty's approval.

FURLOUGH AND LEAVE.

No. 805.—The undermentioned officers are granted leave to proceed out of India on private affairs under the leave rules for the Staff Corps; the specified period to count from the date of being struck off duty:

Lieutenant C. H. Schlesinger, Bengal S. C., 12th Bengal Cavalry, for one year. Pension service—7th year commenced 25th August, 1889.

Lieutenant E. R. Morton, Bengal S. C., 30th Bengal Infantry, for one year. Pension service—4th year commenced 25th November, 1888.

No. 806.—The undermentioned officers have been granted extensions of furlough or leave by the Secretary of State for India:

Colonel F. W. Boileau, Bengal S. C., (m. c.) for two months.

Major W. H. Browne, Bengal S. C., (m. c.) for three months.

Surgeon J. Garvie (m.c.) for two months.

No. 807.—Lieutenant H. A. K. Jennings, R.A., Ordnance Officer, 3rd class, is granted leave in India (p. a.) for sixty-one days.

LONDON GAZETTE.

No. 808.—The following extracts are published for general information:

"London Gazette," dated the 20th August, 1889, pages 4526 and 4527.

WAR OFFICE,

Pall Mall, 20th August, 1889.

MEMORANDA.

The undermentioned Lieutenant-Colonels to be Colonels:

* * * * * * *

James Waterhouse, Bengal Staff Corps. Dated 10th June, 1889.

George Edward Hancock, Bombay Staff Corps. Dated 10th June, 1889.

Boyce Edward Gowan, Bengal Staff Corps. Dated 10th June, 1889.

James Hay, Bengal Staff Corps. Dated 11th June, 1889.

James Lawtie Fagan, Bombay Staff Corps. Dated 11th June, 1889.

Thomas Richard Byng, Madras Staff Corps. Dated 11th June, 1889.

John Randall Wilmer, Bengal Staff Corps. Dated 22nd June, 1889.

Colin Hubert Garbett, Bengal Staff Corps. Dated 27th June, 1889.

George Robert James Shakespear, Bengal Staff Corps. Dated 15th June, 1889.

Major and Brevet Lieutenant-Colonel Edwin Henry Hayter Collen, C.I.E., Bengal Staff Corps, to be Colonel. Dated 15th June, 1889.

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INDIAN STAFF CORPS.

Colonel John Philip Pedler, Madras, has been transferred to the Unemployed Supernumerary List. Dated 31st July, 1889.

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INDIA OFFICE,

20th August, 1889.

The Queen has approved of the following promotions among the Officers of the Staff Corps and Indian Military Forces made by the Governments in India:

BENGAL STAFF CORPS.

To be Lieutenant-Colonel.

Major and Brevet Lieutenant-Colonel Robert Patch. Dated 12th June, 1889.

To be Major.

Captain Gervas Selwyn Eyre. Dated 12th June, 1889.

To be Captain.

Lieutenant Hedley Wright. Dated 12th June, 1889.

BENGAL MEDICAL ESTABLISHMENT.

To be Surgeon-Major.

Surgeon Charles Henry Beatson. Dated 16th May, 1889.

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INDIAN ARMY.

To be Colonels.

Lieutenant-Colonel Charles Robert Bradstreet, Madras Infantry. Dated 11th June, 1889.

Lieutenant-Colonel David William Inglis, Bengal Infantry. Dated 15th June, 1889.

Lieutenant-Colonel Divie Henry Robertson, Bengal Infantry. Dated 15th June, 1889.

Lieutenant-Colonel Arthur Fitzgerald, Bengal Infantry. Dated 16th June, 1889.

Lieutenant-Colonel Robert Emilius Cox, Madras Infantry. Dated 16th June, 1889.

Lieutenant-Colonel Walter Scott Peat, Bombay Cavalry. Dated 27th June, 1889.

ERRATA.

The date of rank of Colonel James Kelly, Madras Unattached List, is 28th September, 1888, and not 1889, as stated in the *London Gazette* of the 9th April, 1889.

* * * * * * *

The Queen has approved of the following Admissions to the Staff Corps made by the Governments in India:

BENGAL STAFF CORPS.

To be Lieutenants.

Lieutenant Edmund Waller, from the Border Regiment. Dated 3rd April, 1888, but to rank from 7th February, 1885.

Lieutenant Hugh Newcome Waymouth, from the Liverpool Regiment. Dated 2nd October, 1887, but to rank from 7th February, 1885.

Lieutenant Alexander Prest Housden, from the Royal Irish Fusiliers. Dated 14th October, 1887, but to rank from 29th August, 1885.

Lieutenant Henry King, from the South Wales Borderers. Dated 2nd August, 1887, but to rank from 29th August, 1885.

Lieutenant George Edward Douglas Elsmie, from the Yorkshire Light Infantry. Dated 30th September, 1887, but to rank from 29th August, 1885.

Lieutenant Frederick Hopewell Peterson, from the Yorkshire Light Infantry. Dated 4th September, 1887, but to rank from 25th November, 1885.

Lieutenant William Bernard James, from the Derbyshire Regiment. Dated 5th December, 1887, but to rank from 30th January, 1886.

Lieutenant Ernest Addison Stevenson, from the Leinster Regiment. Dated 3rd September, 1887, but to rank from 30th January, 1886.

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PROMOTIONS.

No. 809.—The following promotions are made, subject to Her Majesty's approval:

To be Colonels in the Army.

7th September, 1889.

Lieutenant-Colonel Godlieb James Van Someren, Madras General List, Infantry.

Lieutenant-Colonel Edward James Gunthorpe, Madras S. C.

Lieutenant-Colonel Campbell Walker, Madras S. C.

8th September, 1889.

Lieutenant-Colonel Charles Edward Douglas Branson, Bengal General List, Infantry.

BENGAL STAFF CORPS.

Majors to be Lieutenant-Colonels.

11th September, 1889.

Charles Henry Stoddart.
James Graves Kelly.
Henry Vere Hunt.

NATIVE ARMY.

No. 810.—*8th Bengal Cavalry*—

Kot-Dafadar Samundar Khan to be Jemadar, *vice* Niyáz Muhammad Khan, transferred to the pension establishment, with effect from the 17th July, 1889.

No. 811.—*10th Bengal Infantry*—

Jemadar Mansúr Ali Khan to be Subadar, and Havildar Sháh Ali to be Jemadar, *vice* Shaikh Sáwan, deceased, with effect from the 28th July, 1889.

No. 812.—*36th Bengal Infantry*—

Havildar Sant Singh to be Jemadar, *vice* Ilíra Singh, transferred to the 16th Bengal Infantry, with effect from the 1st May, 1889.

Havildar Ganesha Singh to be Jemadar, *vice* Jaimal Singh, transferred to the pension establishment, with effect from the 2nd May, 1889.

This cancels G. G. O. No. 606 of 1889.

RETIREMENTS.

No. 813.—Colonel Henry Charles Kemble, Cavalry, is permitted to retire from the service, with effect from the 7th October, 1889, subject to Her Majesty's approval.

REWARDS.

GOOD CONDUCT MEDALS.

No. 814.—The undermentioned non-commissioned officers and men are granted medals with annuities and gratuities for meritorious service and good conduct, under the provisions of clause 115, India Army Circulars of 1888:

Medals inscribed "For Meritorious Service," with annuity.

No. 500, Havildar Venkiah, 2nd Regiment, Madras Infantry.

No. 2716, Havildar Múhammad Sahib, 5th Regiment, Madras Infantry.

Medals inscribed "For Long Service and Good Conduct," with gratuity.

No. 1137, Private Shaikh Ahmad, 1st Regiment, Madras Lancers.
No. 1207, Private Mir Hasan-udin, 1st Regiment, Madras Lancers.
No. 1150, Private Shaikh Ibrahim, 2nd Regiment, Madras Lancers.
No. 1098, Private Fakhr-u-din, 2nd Regiment, Madras Lancers.
No. 67, Private Saiyid Dáúd, 3rd Regiment, Madras Cavalry.
No. 86, Private Yenkajee Rao, 3rd Regiment, Madras Cavalry.
No. 1307, Private Sayyid Abdul Aziz, 4th (Prince of Wales' Own) Madras Cavalry.
No. 15, Sapper Chowriapea, "Queen's Own" Sappers and Miners.
No. 2131, Sapper Nagamootoo, "Queen's Own" Sappers and Miners.
No. 170, Naick Jacob Holmes, 1st Regiment, Madras Infantry (Pioneers).
No. 178, Private Saiyid Usman, 1st Regiment, Madras Infantry (Pioneers).
No 204, Private Yenkiah, 2nd Regiment, Madras Infantry.
No. 226, Private Narainsawmy, 2nd Regiment, Madras Infantry.
No. 401, Private Curpannen, 3rd Regiment, Madras Light Infantry.
No. 447, Private Francis Xavier, 3rd Regiment, Madras Light Infantry.
No. 492, Private Ramjee Rao, 4th Regiment, Madras Infantry (Pioneers).
No. 520, Private Goovindoo Raj, 4th Regiment, Madras Infantry (Pioneers).
No. 2332, Private Nookiah, 5th Regiment, Madras Infantry.
No. 2233, Private Shumboolingum, 5th Regiment, Madras Infantry.
No. 1094, Private Appiah, 6th Regiment, Madras Infantry.
No. 1102, Private Pauppiah, 6th Regiment, Madras Infantry.
No. 422, Private Muhammad Akbar, 7th Regiment, Madras Infantry.
No. 955, Private Venketsawmy, 7th Regiment, Madras Infantry.
No. 289, Private Guddiah, 8th Regiment, Madras Infantry.
No. 243, Private Ghulam Murtaza, 8th Regiment, Madras Infantry.
No. 499, Private Adenaredoo, 9th Regiment, Madras Infantry.
No. 504, Private Shaikh Ismaíl, 9th Regiment, Madras Infantry.
No. 2488, Private Mahabir, 10th Regiment, Madras Infantry.
No. 2467, Private Shaikh Babu, 10th Regiment, Madras Infantry.
No. 137, Private Perwalliah, 11th Regiment, Madras Infantry.
No. 162, Private Shaikh Manullah, 11th Regiment, Madras Infantry.
No. 2138, Private Shaikh Ali, 12th Regiment, Madras Infantry.
No. 2341, Private Shaikh Ali, 12th Regiment, Madras Infantry.
No. 489, Private Sunnassee, 13th Regiment, Madras Infantry.
No. 675, Private Shaikh Hamid, 13th Regiment, Madras Infantry.
No. 2149, Private Shaikh Dáúd, 14th Regiment, Madras Infantry.
No. 2123, Private Ghulam Dastgir, 14th Regiment, Madras Infantry.
No. 498, Private Zulfikar Beg, 15th Regiment, Madras Infantry.
No. 266, Private Coormiah, 15th Regiment, Madras Infantry.
No. 584, Private Venketsawmy, 16th Regiment, Madras Infantry.
No. 502, Private Pachamyan, 16th Regiment, Madras Infantry.
No. 3156, Private Narainsawmy, 17th Regiment, Madras Infantry.
No. 1870, Private Shaikh Ibrahim, 17th Regiment, Madras Infantry.
No. 2884, Private Panpanah, 19th Regiment, Madras Infantry.
No. 3020, Private Venketsawmy, 19th Regiment, Madras Infantry.
No. 411, Private Ramasawmy, 20th Regiment, Madras Infantry.
No. 476, Private Rahim Khan, 20th Regiment, Madras Infantry.
No. 345, Private Abdul Kadir, 21st Regiment, Madras Infantry.
No. 440, Private Rajinah, 21st Regiment, Madras Infantry.
No. 23, Private Venketachellum, 22nd Regiment, Madras Infantry.
No. 85, Private Muhammad Umar, 22nd Regiment, Madras Infantry.
No. 520, Private Venketsawmy, 23rd Regiment, Madras Light Infantry.
No. 775, Private Anthoney, 23rd Regiment, Madras Light Infantry.
No. 49, Private Narainsawmy, 24th Regiment, Madras Infantry.
No. 151, Private Saiyid Yakub, 24th Regiment, Madras Infantry.
No. 244, Private Narainsawmy, 25th Regiment, Madras Infantry.
No. 299, Private Pir Khan, 25th Regiment, Madras Infantry.
No. 219, Private Miguel, 26th Regiment, Madras Infantry.
No. 231, Private Adam Beg, 26th Regiment, Madras Infantry.
No. 242, Private Gourojee Rao, 27th Regiment, Madras Infantry.
No. 497, Private Poopiah, 28th Regiment, Madras Infantry.
No. 515, Private Ramasawmy, 28th Regiment, Madras Infantry.
No. 119, Private Shaikh Sultan, 29th Regiment, Madras Infantry.
No. 56, Private Sooharoydoo, 29th Regiment, Madras Infantry.
No. 26, Private Rungiah, 30th Regiment, Madras Infantry.
No. 25, Private Muhammad Sulaiman, 30th Regiment, Madras Infantry.
No. 336, Private Chendriah, 31st Regiment, Madras Light Infantry.
No. 347, Private Abdul Kadir, 31st Regiment, Madras Light Infantry.
No. 45, Private Jugganackloo, 32nd Regiment, Madras Infantry.
No. 2427, Private Jyacan, 33rd Regiment, Madras Infantry.
No. 2454, Private Buddhan Khan, 33rd Regiment, Madras Infantry.

Medals inscribed "For long Service and Good Conduct," without gratuity.

No. 400, Private Mootoo Reddy, 3rd Regiment, Madras Light Infantry.

No. 1518, Private Pentiah, 6th Regiment, Madras Infantry.
No. 1901, Private Muhammad Ibrahim, 17th Regiment, Madras Infantry.
No. 192, Private Balagooroo, 25th Regiment, Madras Infantry.
No. 221, Private Shaikh Adam, 27th Regiment, Madras Infantry.
No. 48, Private Muhammad Husain, 29th Regiment, Madras Infantry.
No. 16, Private Sharaf Khan, 30th Regiment, Madras Infantry.

GOOD SERVICE PENSIONS.

No. 815.—It is notified that, on the recommendation of the Government of India, Her Majesty's Government has been pleased to confer a good service pension on each of the undermentioned officers, with effect from the dates specified:

From the 6th June, 1888, in room of Major-General Sir William Hamilton, *Bart.*, Royal (late Bengal) Artillery, succeeded to the Colonel's allowance.

COLONEL EDWARD FRANCIS CHAPMAN, C.B., ROYAL (LATE BENGAL) ARTILLERY.

Dates of Commissions.

Second-Lieutenant	...	12th June, 1858.
Lieutenant	...	27th August, 1858.
Captain	...	21st January, 1872.
Major	...	31st December, 1878.
Brevet Lieutenant-Colonel		22nd November, 1879.
Regimental Lieutenant-Colonel ...	...	14th April, 1887.
Colonel in the Army	...	31st December, 1881.

Appointments.

Regimental duty, Bengal Artillery and Royal Artillery, 1858-68.
Aide-de-Camp to the Officer Commanding the Royal Artillery in Abyssinia, March to May 1868.
Deputy Assistant Quartermaster-General, Bengal, 1871-76.
Assistant Quartermaster-General, Bengal, 1876-78.
Assistant Quartermaster-General, Southern Afghanistan Field Force, October 1878 to March 1880.
Deputy Adjutant and Quartermaster General, Ghazni Field Force, March to May 1880.
Deputy Adjutant and Quartermaster General, Kabul Field Force, May to August 1880.
Deputy Adjutant and Quartermaster General, Kabul-Kandahar Field Force, August to October 1880.
First Assistant Quartermaster-General, Bengal, 1880-81.
Military Secretary to the Commander-in-Chief in India, 1881-85.
Quartermaster-General in India (with the local rank of Major-General), 1885-89.

War Services.

Abyssinia, 1867-68.—Action of Arogi, and capture of Magdala. (Mentioned in despatches; medal).

Afghanistan, 1878-80.—Battle of Ahmad Khel; march from Kabul to Kandahar, and battle of Mazra, near Kandahar. (Mentioned in despatches; medal and two clasps; bronze star; brevet of Lieutenant-Colonel; C.B.; Aide-de-Camp to the Queen.)

From the 20th December 1888, in room of Colonel J. V. Hunt, C.B., Bengal Staff Corps, succeeded to the Colonel's allowance.

COLONEL (BRIGADIER-GENERAL) SIR ROBERT CUNLIFFE LOW, K.C.B., BENGAL CAVALRY.

Dates of Commissions.

Cornet	...	26th August, 1854.
Lieutenant	...	29th September, 1855.
Captain	...	1st January, 1862.
Brevet-Major	...	5th February, 1872.
Major	...	16th July, 1876.
Brevet-Lieutenant-Colonel		8th February, 1878.
Lieutenant-Colonel	...	6th March, 1880.
Colonel	...	8th February, 1882.

Appointments.

Regimental duty, 1854-58.
Orderly Officer to Major-General Sir H. W. Barnard, K.C.B., and extra A. D. C. to Brigadier-General A. Wilson, Commanding the Delhi Field Force, 1857.
Second-in-Command, 4th Sikh Irregular Cavalry (now 13th Bengal Lancers), 1858-71.
Commandant, 13th Bengal Lancers, 1871-80.
Chief Director of Transport, Kabul Field Force and Kabul-Kandahar Field Force, 1880.
Officiating Deputy Commissary-General, 1881-82.
Deputy Commissary-General for Transport, 1882-86.
Commanding a Brigade of the Upper Burma Field Force, with the rank of Brigadier-General (and temporarily commanding in Upper Burma), 1886-88.
Commanding Rohilkhand District, 1888-89.

War Services.

Santhal Campaign, 1855.

Indian Mutiny, 1857-58.—Actions of Badli-ki-Sarai and Najafgarh; siege and capture of Delhi; capture of Jhajjar; siege and capture of Lucknow; and pursuit of Tantia Topi in Central India. (Mentioned in despatches; medal and two clasps).

Ambeyla Campaign, 1863-64.—(India medal and clasp.)

Afghanistan, 1878-80.—Second expedition into the Bazar Valley; capture of Zawa; march from Kabul to Kandahar, and battle of Mazra, near Kandahar. (Mentioned in despatches; medal and clasp; bronze star; C.B.)

Burma, 1886-87.—(Mentioned in despatches; clasp to India medal; K.C.B.)

From the 20th January, 1889, in room of Major-General J. P. Sherriff, Bengal Staff Corps, succeeded to the Colonel's allowance.

DEPUTY SURGEON-GENERAL GEORGE FARRELL, C.B., INDIAN MEDICAL SERVICE, BENGAL.

Dates of Commissions.

Assistant Surgeon	. .	4th August, 1856.
Surgeon . . .	.	4th August, 1868.
Surgeon-Major . .	.	1st July, 1873.
Brigade-Surgeon .	.	21st December, 1883.
Deputy Surgeon-General	.	2nd September, 1886.

Appointments.

On duty with various detachments and the Naval Brigade, February to November, 1857.
General Hospital, Allahabad, 1857-58.

Regimental duty, 1858-86.

Principal Medical Officer, Burma Field Force, 1886-88.

Deputy Surgeon-General, Lahore Division, 1888.

Inspector-General of Civil Hospitals, Punjab, 1888-89.

War Services.

Indian Mutiny, 1857.—Outbreak at Benares; relief of Lucknow, and operations at Cawnpore. (Medal and clasp.)

Masud Waziri Expedition, 1860.—(India medal and clasp.)

Daur Valley Expedition, 1871.

Jowaki Expedition, 1877-78.—(Clasp to India medal.)

Afghanistan, 1877-79.—Action in the Sapari Pass. (Mentioned in despatches; medal.)

Burma, 1886-87.—(Mentioned in despatches; thanked by the Government of India; medal.)

VOLUNTEER CORPS.

APPOINTMENTS.

No. 816.—*Naini Tal Volunteer Rifle Corps*—

Mr. Walter Aubrey Pemberton to be Captain, *vice* Corbett, transferred to the supernumerary list.

No. 817.—*Oudh Volunteer Rifle Corps*—

Mr. Robert Decy Spedding to be Second Lieutenant.

No. 818.—Lieutenant H. Francis having been appointed to the Police Force of the North-Western Provinces and Oudh, and thereby, under paragraph 11, Army Regulations, India, Vol. IX., become ineligible to hold a commission in the Volunteer Forces of India, his name will cease to be borne on the list of commissioned officers of the Oudh Volunteer Rifle Corps.

E. H. H. COLLEN,

Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Simla, the 13th September, 1889.

Under Clause 25 of the Regulations appended to the Regimental Debts Act of 1863, it is notified that report of the death of the undermentioned commissioned officer, on the date specified, was received in the Military Department between the 7th and the 13th September, 1889:

Corps.	Rank and Name.	Date of Decease.	Place of Decease.	Testate or Intestate.	Remarks.
Suffolk Regiment (Probationer, Bengal Staff Corps).	Second-Lieutenant W. C. Blair	27th August 1889	Sialkot.		

E. H. H. COLLEN,

Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 9th September, 1889.

No. 275.—Major R. R. Pulford, R.E., Executive Engineer, 1st Grade, North-Western Provinces and Oudh, officiated as Superintending Engineer from the 17th April 1889 to the 19th July 1889, during the absence of Mr. J. W. Alexander on privilege leave.

No. 276.—Mr. W. A. Moran, Assistant Engineer, 2nd Grade, Punjab, is transferred to Burma for employment on Provincial Works.

The 11th September, 1889.

No. 278.—Mr. J. Heinig, Executive Engineer, 1st Grade, North-Western Provinces and Oudh, is appointed to officiate as Superintending Engineer, with effect from 13th September 1889, during the absence of Lieutenant-Colonel E. Swetenham on privilege leave, or until further orders.

No. 279.—Mr. F. Morrison, Examiner, 3rd Class, is promoted to Examiner, 2nd Class, *temporary rank*, with effect from the 5th June, 1889.

The 13th September, 1889.

No. 280.—Mr. P. L. Rooper, Assistant Engineer, 1st Grade, State Railways, has been granted by Her Majesty's Secretary of State

for India extraordinary leave for twelve months without pay, in extension of that notified in Public Works Department Notification No. 85, dated 19th March, 1889.

No. 281.—Under section 4 of the Indian Railway Act of 1879, the Governor-General in Council is pleased to sanction the use of locomotive engines or other motive power, and carriages and wagons to be drawn or propelled thereby, on the Villupuram-Dharmavaram Railway.

No. 282.—The following officers attached to State Railways are transferred from the Establishment under the Government of Bengal to that under the Director-General of Railways for employment on the Moghalsarai-Howrah Railway Survey:

Mr R. N. Hodges, Executive Engineer, 2nd Grade.

Mr. P. P. Dease, Executive Engineer, 2nd Grade.

Mr. W. P. Milne, Executive Engineer, 3rd Grade, sub. *pro tem.*

Mr. A. T. Chiodetti, Assistant Engineer, 2nd Grade.

No. 283.—The services of the undermentioned officers attached to State Railways are placed temporarily at the disposal of the Government of Madras for employment on the East Coast Railway Survey:

Mr. A. Bewley, Assistant Engineer, 1st Grade.

Mr. F. V. Tayler, Assistant Engineer, 2nd Grade.

No. 284.—Mr. W. C Hickie, Deputy Auditor, Oudh and Rohilkund Railway, is appointed to officiate as Auditor during the absence of Mr. J. Lightfoot on privilege leave.

No. 285.—The services of Mr. B. Baxter, Executive Engineer, 3rd Grade, State Railways, are on return from furlough placed at the disposal of the Government of Madras for employment on the East Coast Railway Survey.

No. 286.—The following officers are transferred from Central India and Rajputana to Burma for employment on Provincial Works:

Mr. H. J. A. Bowden, Assistant Engineer, 1st Grade.

Mr. D. M. Litster, Assistant Engineer, 1st Grade.

No. 287.—The services of Mr. W. Wiseman, Executive Engineer, 2nd Grade, State Railways, are on his return from furlough placed at the disposal of the Government of Bombay for employment on the Umarkot Railway.

TELEGRAPHS.

The 11th September, 1889.

No. 277.—Mr. G. L. Towers, Assistant Superintendent, Class V., 1st Grade, Indian Telegraph Department, is appointed to officiate as a Superintendent in Class IV., with effect from the 27th August 1889, and until further orders.

R. C. B. PEMBERTON, *Colonel, R.E.,*
Secretary to the Government of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

No. 38.] SIMLA, SATURDAY, SEPTEMBER 21, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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SUPPLEMENT No. 38.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

HOME DEPARTMENT.

NOTIFICATIONS.

ESTABLISHMENTS.

Simla, the 19th September, 1889.

No. 573.—Mr. W. R. Larminie has been permitted to resign Her Majesty's Bengal Civil Service, with effect from the 1st August 1889.

JUDICIAL.

The 18th September, 1889.

No. 1333.—The services of the late Lieutenant J. D. Perkins, Officiating Cantonment Magistrate, Jullundur, were replaced at the disposal of the Military Department, with effect from the forenoon of the 12th August 1889.

No. 1336.—The Hon'ble J. Q. Pigot, Barrister-at-Law, a Judge of the High Court of Judicature at Fort William in Bengal, has obtained privilege leave for one month, with effect from the 16th November 1889.

ECCLESIASTICAL.

The 19th September, 1889.

No. 366.—The Reverend James Low has been appointed a Junior Chaplain on the Bengal (Rangoon) Ecclesiastical Establishment to fill an existing vacancy.

C. J. LYALL,
Offg. Secretary to the Government of India.

CHIEF COMMISSIONER OF ASSAM.

NOTIFICATION.

Dated the 10th September, 1889.

No. 89.—In exercise of the power conferred by section 5 of the Scheduled Districts Act, XIV. of 1874, the Chief Commissioner of Assam, with the previous sanction of the Governor-General in Council, extends Act II. (Bengal Council) of 1889 (an Act for the protection of the right of fishing in private waters) to the territories under his administration.

By order,
F. C. DAUKES,
Offg. Secy. to the Chief Commissioner, Assam.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.

FORESTS.

Simla, the 20th September, 1889.

No. 990-*F.*—*ERRATUM.*—In the Notification of this Department No. 964-F., dated the 12th instant, the date from which the temporary promotions of Major C. T. Bingham, B.S.C., and Mr. P. J. Carter were to take effect was notified to be the 7th August 1889. It is now notified that the date is the 7th July 1889.

No. 992-*F.*—The following reversions took effect from 5th September 1889, consequent on the return from privilege leave of Captain E. S. Wood, Conservator of Forests, 1st Grade, Oudh Circle, North-Western Provinces and Oudh:

Mr. C. J. Ponsonby, Officiating Conservator, 3rd Grade, Oudh Circle—to Deputy Conservator, 1st Grade, North-Western Provinces and Oudh.

Mr. W. G. Allan, Officiating Deputy Conservator, 1st Grade, North-Western Provinces and Oudh—to Deputy Conservator, 2nd Grade.

No. 994-*F.*—The following temporary promotions are made during the absence on furlough of Colonel J. C. Doveton, M.S.C., Conservator of Forests, 1st Grade, Central Provinces, with effect from 2nd September 1889 and until further orders:

Mr. R. H. E. Thompson, Deputy Conservator, 1st Grade, Central Provinces—to officiate in the 3rd Grade of Conservators, and to hold charge of the Forest Department in the Central Provinces *vice* Colonel Doveton.

Mr. C. F. Elliott, Deputy Conservator, 2nd Grade, Punjab—to officiate in the 1st Grade of Deputy Conservators *vice* Mr. Thompson.

No. 997-*F.*—*ERRATUM.*—In the Notification of this Department No. 909-F., dated the 30th ultimo, making certain temporary promotions during Lieutenant-Colonel F. Bailey's absence on privilege leave, *for* "with effect from 10th June 1889 and until further orders", *read* "with effect from 12th June 1889 and until further orders".

E. C. BUCK,

Secretary to the Government of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.

Simla, the 17th September, 1889.

No. 1666-*G.*—Upon return from military duty at Deolali, Captain J. C. Francis, 5th Regiment, Bombay Light Infantry, is reappointed to be the Cantonment Magistrate of the Cantonment of Baroda, in addition to his military duties, and with effect from the 2nd September 1889.

The 19th September, 1889.

No. 3713-*I.*—Whereas His Highness the Maharaja of Mysore has ceded to the British Government full jurisdiction within that portion of land which lies within his State between the centre of the Harihar Railway bridge as measured from bank to bank and the north distant signal of the Harihar Railway Station, and which is occupied or may hereafter be occupied by the Railway connecting the Mysore State Railway and the Southern Mahratta Railway system (including the land occupied as stations, out-buildings, and for other Railway purposes);

In exercise of this jurisdiction and of the powers conferred by sections 4 and 5 of the Foreign Jurisdiction and Extradition Act 1879, and of all other powers enabling him in this behalf, the Governor-General in Council is pleased to issue the following orders:

(1) All laws for the time being in force in the District of Dharwar shall be deemed to be in force in the aforesaid land.

(2) The Governor of Bombay in Council and all officers of the Government subordinate to him exercising authority in the District of Dharwar shall respectively have within the said land the same executive powers as they may have within the British territories subject to their administration.

(3) The Sub-Judge of Haveri, the District Judge of Dharwar, and Her Majesty's High Court of Judicature at Bombay, shall respectively have within the said land the same civil jurisdiction as they may have within the District of Dharwar.

(4) All Criminal Courts having for the time being jurisdiction within the District of Dharwar shall have the same jurisdiction within the said land.

(5) The administration of the Police within the said land shall be vested in the Superintendent of Police for the time being of the Southern

Mahratta Railway, who shall exercise within the said land the same Police powers as may for the time being be exercised by a District Superintendent of Police in the District of Dharwar, in subordination to the same authorities as those to which a District Superintendent of Police in the District of Dharwar is for the time being subordinate, and in subordination to the Inspector-General of Police, Bombay, and the Commissioner of the Southern Division of the Bombay Presidency.

The 20th September, 1889.

No. 3723-I.—With reference to Foreign Department notification No. 1651-I., dated the 26th April 1889, the Governor-General in Council is pleased to direct that so much of Act X. of 1886 (to amend the Code of Criminal Procedure, 1882, and certain other Acts) as amends the Indian Penal Code and the Prisoners Act, 1871, shall be deemed to have applied to the Hyderabad Assigned Districts from the date of that notification to the extent and subject to the provisos specified therein.

2. The Governor-General in Council is further pleased to direct that for the purposes of section 31, sub-section (2) of the Prisoners Act, 1871, as amended by Act X. of 1886, the Nagpur Jail shall be deemed to be a prison within the territories subject to the Resident at Hyderabad.

H. M. DURAND,

Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

LEAVE AND APPOINTMENTS.

Simla, the 18th September, 1889.

No. 4786.—Mr. H. Farrer, B.C.S., Postmaster-General, 1st Grade, in charge of the Madras Circle, is granted privilege leave for three months from the 9th October 1889.

Mr. P. Sheridan is appointed to officiate as a Postmaster-General, 1st Grade; and

Mr. C. A. Stuart is appointed to officiate as a Postmaster-General, 2nd Grade, and to be in charge of the Madras Circle during Mr. Farrer's absence.

The 19th September, 1889.

No. 4811.—Mr. F. J. Atkinson, Assistant Comptroller, Burma, is granted privilege leave from the 17th October to the 2nd November 1889, both days inclusive.

The 20th September, 1889.

No. 4828.—The following promotions and reversions of officers of the Account Department are notified:

With effect from the 10th August 1889,—

Mr. O. T. Barrow to officiate as Accountant-General, Class II.

Mr. J. E. O'Conor to officiate in Class I. of the Enrolled List.

Mr. G. H. R. Hart to officiate in Class II.

Mr. W. H. Dobbie to officiate in Class III.

Mr. C. G. Vansittart to officiate in Class IV.; and

Mr. L. E. Pritchard to officiate in Class V.

With effect from the 29th August 1889,—

Mr. K. B. Wagle to officiate in Class V.

Mr. R. E. Hamilton is appointed substantively to Class II. of the Enrolled List.

Mr. T. H. Biggs, on ceasing to be substantive *pro tempore* in Class II. will officiate in that Class.

No. 4832.—From 16th July 1889, on which date Mr. E. J. Sinkinson was confirmed in the appointment of Secretary to the Government of India in this Department, the following promotions are made:

Mr. S. Jacob to be Accountant-General, Class III.

Mr. O. T. Barrow to be Enrolled Officer, Class II.

Mr. J. C. E. Branson to be Enrolled Officer, Class III.; and

Mr. F. C. Harrison to be Enrolled Officer, Class IV.

E. J. SINKINSON,

Secretary to the Government of India.

MILITARY DEPARTMENT.

Simla, the 20th September, 1889.

APPOINTMENTS.

COMMISSARIAT DEPARTMENT.

No. 819.—Lieutenant M. Stevens, Bengal S. C., Deputy Assistant Commissary-General, 2nd class, on probation, is confirmed in that appointment, with effect from the 17th August, 1888.

No. 820.—Lieutenant G. A. Hawkins, Bengal S. C., 4th Bengal Infantry, to be Deputy Assistant Commissary-General, 2nd class, on probation, with effect from the 8th September, 1889.

MEDICAL DEPARTMENT.

No. 821.—Brigade-Surgeon R. Waters, M.D., Medical Staff, Bengal Establishment, is brought on the Administrative Medical Staff of the Army, with effect from 1st January, 1889.

ORDNANCE DEPARTMENT.

No. 822.—Captain T. T. Vaughan, R.A., Ordnance Officer, 2nd class, officiating 1st class, to be Ordnance Officer, 1st class;

Colonel G. Swinley, R.A., Ordnance Officer, 2nd class, sub. *pro tem.*, is confirmed in that class,—

with effect from the 27th August, 1889, *vice* Lieutenant-Colonel V. C. Fisher, R.A., Ordnance Officer, 1st class, reverted to regimental duty on the expiry of the term of his appointment.

No. 823.—Lieutenant C. T. Bell, R.A., to officiate as an Ordnance Officer, 4th class, with effect from the 7th September, 1889, to fill an existing vacancy.

STAFF CORPS.

No. 824.—The undermentioned officers are admitted to the Bengal Staff Corps, with effect from the dates specified, subject to confirmation by the Secretary of State for India :

Lieutenant Arthur Ross Barwell, Manchester Regiment, officiating Wing Officer, Deoli Irregular Force,—30th January, 1888.

Second-Lieutenant William Henry Prendergast, Loyal North Lancashire Regiment, officiating Wing Officer, 20th (The Duke of Cambridge's Own Punjab) Regiment of Bengal Infantry,—24th February, 1888.

Second-Lieutenant Prendergast will rank as Lieutenant in the Bengal Staff Corps, with effect from the 24th February, 1888, subject to Her Majesty's approval.

FURLOUGH AND LEAVE.

No. 825.—The undermentioned officers are granted furlough out of India :

Lieutenant-Colonel S. H. Cowan, Bengal S. C., Deputy Superintendent, 3rd grade, Survey of India, (p. a.) for one year and 163 days, under rule IX. of the Regulations of 1868.

Lieutenant C. H. Billings, Bengal S. C., Wing Officer, 11th Regiment of Bengal Infantry, Cantonment Magistrate, 2nd class, sub. *pro tem.*, North-Western Provinces and Oudh, (p. a.) for one year, under rule I. of the Regulations of 1875.

No. 826.—The undermentioned officer is granted leave to proceed out of India on private affairs under the leave rules for the Staff Corps; the specified period to count from the date of being struck off duty :

Colonel C. N. Hodgson, Bengal S. C., 32nd (Punjab) Regiment of Bengal Infantry (Pioneers), for one year. Pension service—31st year commenced 29th May, 1889.

No. 827.—The undermentioned officers have been granted extensions of furlough or leave by the Secretary of State for India :

Colonel Sir B. P. Bromhead, *Bart.*, C.B., Bengal S. C., (u. p. a.) for 15 days.

Colonel M. P. Ricketts, Bengal S. C., (p. a.) for 129 days.

Colonel H. S. Jarrett, Bengal S. C., (m. c.) for 183 days.

Captain H. R. W. Lumsden, Bengal S. C., (m. c.) for three months.

Lieutenant R. H. Ewart, Bengal S. C., (m. c.) for six months.

Surgeon R. J. Marks (m. c.) for one month.

LONDON GAZETTE.

No. 828.—The following extracts are published for general information :

"London Gazette," dated the 27th August, 1889, page 4681.

WAR OFFICE,
Pall Mall, 27th August, 1889.

* * * * * * * * * *

MEMORANDA.

Colonel (local Brigadier-General) C. S. Maclean, C.B., C.I.E., Bengal Staff Corps, is granted the local rank of Major-General whilst employed on the Perso-Afghan Frontier. Dated 28th August, 1889.

* * * * * * * * * *

Honorary Lieutenant and Deputy Commissary Alfred Broom Cross, Bengal Establishment, has been granted the honorary rank of Captain. Dated 20th March, 1889.

* * * * * * * * * *

INDIA OFFICE,
27th August, 1889.

The Queen has approved of the undermentioned officers of the Staff Corps and Indian Military Forces being permitted to retire from the service :

Colonel Henry Bathurst Hanna, Bengal Staff Corps. Dated 12th May, 1889.

Colonel Walter Ernest Forbes, Bengal Staff Corps. Dated 10th June, 1889.

Colonel Sir Joseph West Ridgeway, K.C.S.I., C.B., Bengal Infantry. Dated 27th August, 1889.

Lieutenant-Colonel John Tulloch Whish, Bengal Staff Corps. Dated 13th April, 1889.

Lieutenant-Colonel John Ronald Campbell, Bengal Staff Corps. Dated 16th August, 1889.

Lieutenant-Colonel James Fraser, Bengal Infantry. Dated 1st June, 1889.

Lieutenant-Colonel Walter Francis Hume, Bombay Infantry. Dated 24th August, 1889.

Major William Inglis Le Breton, Bombay Staff Corps. Dated 5th June, 1889.

Major Harding Cornwallis Hogg, Bombay Staff Corps. Dated 3rd August, 1889.

The Queen has also approved of the removal from the service of the undermentioned officer, who has failed to qualify to remain in the service :

Lieutenant Harward Patrick Curtis O'Farrell, Bengal Staff Corps. Dated 24th July, 1889.

PROMOTIONS.

No. 829.—Under the provisions of the Royal Warrant of the 10th November, 1881, the name of Colonel W. G. M. Strickland, Madras S. C., is placed on the list of Major-Generals on the Indian Gradation List, in consequence of the transfer to the Unemployed Supernumerary List

of Colonel J. P. Pedler, Madras S. C., (whose name is borne on the list of Major-Generals of the Indian Army) on the 31st July, 1889.

No. 830.—The following promotions are made, subject to Her Majesty's approval:

To be Colonels in the Army.

16th September, 1889.

Lieutenant-Colonel George John Skinner, Bengal S. C.

20th September, 1889.

Lieutenant-Colonel Frank William Chatterton, Bengal General List, Infantry.

Lieutenant-Colonel Edward George Blenkinsop, Madras S. C.

COMMISSARIAT DEPARTMENT.

No. 831.—Honorary Lieutenant and Assistant Commissary W. J. Routleff to be Deputy Commissary;

Honorary Lieutenant and Deputy Assistant Commissary G. M. Grant to be Assistant Commissary;

Conductor J. Stephens to be Deputy Assistant Commissary;

Sub-Conductor T. Davis to be Conductor;

Supernumerary Sub-Conductor W. E. Keogh is absorbed in the grade of Sub-Conductor,—

with effect from the 14th August, 1889, *vice* Honorary Captain and Deputy Commissary A. B. Cross, transferred to the pension establishment.

PUBLIC WORKS DEPARTMENT.

No. 832.—Sub-Conductor William Jolly, Sub-Engineer, 3rd grade, Punjab, to be Conductor;

Sergeant Joseph James Williams, Sub-Engineer, 3rd grade, Burma, to be Sub-Conductor,—

with effect from the 18th July, 1889, *vice* Conductor Hugh Macartney, transferred to the pension establishment.

NATIVE ARMY.

No. 833.—*19th Bengal Lancers*—

Jemadar Lal Singh to be Ressaidar and Kot-Dafadar. Kehar Singh to be Jemadar, *vice* Khan Muhammad Khan, deceased, with effect from the 23rd June, 1889.

Jemadar Sher Muhammad Khan to be Ressaidar and Kot-Dafadar Khan Muhammad Khan to be Jemadar, *vice* Kisan Singh, transferred to the pension establishment, with effect from the 1st July, 1889.

This cancels G. G. O. No. 688 of 1889.

No. 834.—*21st (Punjab) Regiment of Bengal Infantry*—

Jemadar Amír Khan to be Subadar and Havildar Sáádat Dín to be Jemadar, *vice* Muzaffar Khan, transferred to the pension establishment;

Havildar Mansúr Ali to be Jemadar, *vice* Fateh-dín, transferred to the pension establishment,—

with effect from the 1st August, 1889.

REWARDS.

GOOD CONDUCT MEDALS.

No. 835.—The undermentioned non-commissioned officer has been granted a medal, with annuity, for meritorious service and good conduct, under the provisions of clause 115, India Army Circulars, 1888:

Medal inscribed "For Meritorious Service," with annuity.

No. 585, Kot-Dafadar Chatr Singh, Queen's Own Corps of Guides.

ORDER OF BRITISH INDIA.

No. 836.—The Governor-General in Council is pleased to admit the undermentioned native officers to the 1st and 2nd classes of the Order of British India from the dates specified:

BENGAL.

To the 1st class, with the title of "Sardar Bahádur."

Subadar-Major Tara Singh, *Bahádur*, 45th (Rattray's Sikhs) Regiment of Bengal Infantry, *vice* Risaldar Shah Mirza Beg, *Sardar Bahádur*, deceased,—11th May, 1888.

Risaldar-Major Beg Muhammad Khan, *Bahádur*, 2nd Regiment of Cavalry, Hyderabad Contingent, *vice* Subadar-Major Shawa Ram, *Sardar Bahádur*, deceased,—11th May, 1888.

Subadar-Major Jai Singh, *Bahádur*, Infantry of the Corps of Guides, *vice* Risaldar-Major Shaikh Bahádur, *Sardar Bahádur*, deceased,—11th May 1888.

Risaldar-Major Hardatt Singh, *Bahádur*, 9th Bengal Lancers, *vice* Subadar-Major Shinsahai Singh, *Sardar Bahádur*, deceased,—11th May, 1888.

Subadar-Major Budda, *Bahádur*, Merwara Battalion, to complete the establishment,—12th July, 1888.

Risaldar-Major Núrul Hasan, *Bahádur*, 6th Bengal Cavalry, *vice* Subadar-Major Sher Singh, *Sardar Bahádur*, deceased,—7th October, 1888.

Risaldar-Major Baháud-dín Khan, *Bahádur*, 1st Regiment, Central India Horse, to complete the establishment,—23rd November, 1888.

Subadar-Major Báz Khan, *Bahádur*, 22nd (Punjab) Regiment of Bengal Infantry, *vice* Risaldar-Major Nizámud-dín Khan, *Sardar Bahádur*, deceased,—23rd December, 1888.

Risaldar-Major Wájid Ali, *Bahádur*, 3rd Bengal Cavalry, *vice* Risaldar-Major T. J. Harling, *Sardar Bahádur*, deceased,—4th February, 1889.

Subadar-Major Hukam Chand, *Bahádur*, 4th Punjab Infantry, Punjab Frontier Force, *vice* Subadar-Major Satti Dín, *Sardar Bahádur*, deceased,—21st February, 1889.

Subadar-Major Ali Madat, *Bahádur*, No. 3 (Peshawar) Mountain Battery, Punjab Frontier Force, *vice* Subadar Rámdín Páthak, *Sardar Bahádur*, deceased,—11th April, 1889.

To the 2nd class, with the title of "Bahádur."

Risaldar-Major Sádhu Singh, 1st Regiment of Cavalry, Hyderabad Contingent, *vice* Native Commandant Mahtáb Khan, *Bahádur*, deceased,—11th May, 1888.

Subadar-Major Baghel Singh, 40th Regiment of Bengal Infantry, *vice* Naib-Risaldar Mán Singh, *Bahádur*, deceased,—11th May, 1888.

Subadar-Major Nohari Singh, 6th Regiment of Infantry, Hyderabad Contingent, *vice* Risaldar-Major Beg Muhammad Khan, *Bahádur*, promoted,—11th May, 1888.

Subadar-Major Sahib Singh, 30th (Punjab) Regiment of Bengal Infantry, *vice* Subadar-Major Jai Singh, *Bahádur*, promoted,—11th May, 1888.

Subadar-Major Futta Bijea, Malwa Bhil Corps, *vice* Subadar-Major Umed Ali, *Bahádur*, deceased,—11th May, 1888.

Subadar-Major Budh Singh, 5th Punjab Infantry, Punjab Frontier Force, *vice* Risaldar-Major Hardatt Singh, *Bahádur*, promoted,—11th May, 1888.

Subadar-Major Lachhman, 2nd Sikh Infantry, Punjab Frontier Force, *vice* Subadar Arjun Singh, *Bahádur*, deceased,—16th July, 1888.

Subadar-Major Juthia Khattri, 13th (The Shekhawati) Regiment of Bengal Infantry, *vice* Subadar Buldeo Singh, *Bahádur*, deceased,—27th July, 1888.

Risaldar Sáwan Mal, 11th Bengal Lancers, *vice* Subadar Shaikh Naubat, *Bahádur*, deceased,—14th August, 1888.

Risaldar Budh Singh, 3rd Punjab Cavalry, Punjab Frontier Force, *vice* Subadar-Major Chattar Singh, *Bahádur*, deceased,—4th October, 1888.

Subadar Rúldu, 33rd Regiment of Bengal Infantry, *vice* Risaldar-Major Talib Hasan, *Bahádur*, deceased,—30th October, 1888.

Subadar Lehna Singh, 45th (Rattray's Sikhs) Regiment of Bengal Infantry, *vice* Risaldar-Major Baháud-dín Khan, *Bahádur*, promoted,—23rd November, 1888.

Subadar Jíwan Singh, 4th Punjab Infantry, Punjab Frontier Force, *vice* Subadar-Major Báz Khan, *Bahádur*, promoted,—23rd December, 1888.

Risaldar Híra Singh, 9th Bengal Lancers, *vice* Risaldár-Major Wajid Ali, *Bahádur*, promoted,—4th February, 1889.

Subadar Fattu, No. 1 (Kohat) Mountain Battery, Punjab Frontier Force, *vice* Subadar-Major Ali Madat, *Bahádur*, promoted,—11th April, 1889.

No. 837.—The Governor-General in Council is pleased to make the following promotion in and admission to the Order of British India, with effect from the date specified :

MADRAS.

To the 1st class, with the title of "Sardár Bahádur."

Subadar-Major Saiyid Amir, *Bahádur*, 1st Madras Lancers, *vice* pensioned Subadar-Major Ramasawmy, *Sardár Bahádur*, deceased,—18th April, 1889.

To the 2nd class, with the title of "Bahádur."

Subadar Saiyid Abbas, 2nd Madras Lancers, *vice* Subadar-Major Saiyid Amir, *Bahádur*, promoted,—18th April, 1889.

VOLUNTEER CORPS.

PROMOTIONS.

No. 838.—*Gauhati Rifles*—

Lieutenant Edward Spurgeon Green to be Captain Commandant, *vice* Mein, resigned.

MARINE DEPARTMENT.

APPOINTMENTS.

No. 43.—Mr. J. N. Pike, appointed by the Secretary of State a Chief Builder in the Indian Marine, reported his arrival in India on the 9th September, 1889 (P.M.), and is posted to the Kidderpore Dockyard.

E. H. H. COLLEN,
Secretary to the Government of India.

MILITARY DEPARTMENT.

NOTIFICATION.

Simla, the 20th September, 1889.

Statement of Deposits on account of Estates between the 7th and the 20th September, 1889.

On whose account.	Rank.	Corps.	Date of Decease.	Testate or Intestate.	Total unclaimed amount deposited.	Amount paid in India.	Date to which claims will be received.
					Rs. a. p.		
William Carmichael Hawker. (a)	Lieutenant	1st Battalion Hampshire Regiment.	13th March 1889.	Intestate .	282 9 2	...	19th November 1889.
Douglas Alexander Gordon Anderson. (b)	Second Lieutenant.	3rd Dragoon Guards.	29th March 1889.	Intestate .	1,085 12 5	...	19th November 1889.
Frederick Maunsell Medlicott. (c)	Lieutenant	Royal Engineers.	16th March 1889.	Intestate .	1,676 14 3	...	19th November 1889.

(a) *Next-of-kin*—Widow—Mrs. M. N. W. Hawker.—Child—Miss D. M. N. Hawker.—Mother—Mrs. W. Hawker, Manor House, Horspath, Oxford.
(b) *Next-of-kin*—Mrs. A. Anderson, care of Colonel Thompson, The Elms, Guildford, Surrey.
Brother—Lieutenant A. A. G. Anderson, 3rd Dragoon Guards, Cavalry Barracks, Canterbury.—Sister—Mrs. Watson, care of Major Watson, Garrison Instructor, Ranikhet.
(c) *Next-of-kin*—Father—H. B. Medlicott, Esq., 43, St. John's Road, Clifton, Bristol, England.

E. H. H. COLLEN,
Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 17th September, 1889.

No. 288.—Mr. H. Rigg, Manager and Engineer-in-Chief, Burma State Railway, is promoted from Class I., Grade 3, sub. *pro tem.*, to Class I., Grade 2, of the Superior Revenue Establishment of State Railways, with effect from 19th June 1889.

The 20th September, 1889.

No. 289.—*CORRIGENDUM.*—In Public Works Department Notification No. 212, dated 12th July 1889, for the words *with effect from 10th August 1889*, read *with effect from 9th August 1889.*

No. 290.—Mr. A. Grant, Examiner of Accounts, attached to the Office of the Examiner of Guaranteed Railway Accounts, Bombay, is appointed to act as Examiner of Guaranteed Railway Accounts, Bombay, during the absence of Colonel C. M. Moberly, M.S.C., on privilege leave.

No. 291.—Mr. J. Shaw, Deputy Examiner of Accounts, attached to the Burma State Railway, is appointed to officiate as Examiner of Accounts, Burma State Railway, during the absence on privilege leave of Pundit Prem Nath, or until further orders.

No. 147-A.E., dated 12th September, 1889.

RESOLUTION—By the Government of India, Public Works Department.

Recruitment of the Subordinate Accounts Branch of the Public Works Department.

Read—

Public Works Department Resolution No. 19-A.E., dated 25th January 1889.

RESOLUTION.—In paragraph 6 of the above Resolution it was ordered that the Entrance Examination for the Subordinate Division of the Accounts Branch should in future be a competitive one. On further consideration of the requirements of this branch of the service, the Governor-General in Council is pleased to decide that the term "competitive" shall not apply to this examination. Paragraph 6 of the Resolution quoted is accordingly cancelled, and the last para. of its appendix amended as shewn in the margin.

The examination prescribed in para. 18 of Appendix C, Vol. I., of the Public Works Code, will be continued on the same terms as heretofore.

ORDER.—Ordered, that a copy of this Resolution be forwarded to the Local Governments, Administrations, and Officers noted in the margin for information and guidance, and that it be published in the *Gazette of India.*

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners, Central Provinces, Burma, Assam, and Coorg.
The Resident at Hyderabad.
The Resident at Mysore.
The Agents to the Governor-General for Central India, Rajputana, and Baluchistan.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Director General of Railways.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, and Central Division.
The Comptroller General.
The Accountant General, Bengal.

Ordered also, that a copy be forwarded to the Accountant General, Public Works Department, for information, with the request that Examiners of Accounts may be instructed to do as much as may be conveniently in their power to give the preference of appointments to vacancies in their establishment of Accountants to those candidates who have passed the best examination.

Also that a copy be forwarded to the Department of Finance and Commerce for information.

TELEGRAPHS.

The 20th September, 1889.

No. 292.—Mr. H. A. Kirk, Assistant Superintendent, Class V., 1st Grade, and officiating Superintendent, Class IV., Indian Telegraph Department, is permanently promoted to Superintendent, Class IV., 3rd Grade, with effect from the 1st July 1889.

R. C. B. PEMBERTON, *Colonel, R.E.,*
Secretary to the Government of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, SEPTEMBER 21, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART V.

Bills introduced into the Council of the Governor General of India for making Laws and Regulations, or Reports of Select Committees presented to the Council.

GOVERNMENT OF INDIA.

LEGISLATIVE DEPARTMENT.

The following Bill was introduced into the Council of the Governor-General of India for the purpose of making Laws and Regulations on the 19th September, 1889:

No. 14 of 1889.

A Bill to indemnify certain witnesses.

WHEREAS by an order, dated the sixteenth day of October, 1888, a Commission was appointed by the Governor of Bombay in Council under Act XXXVII of 1850 (*for regulating Inquiries into the behaviour of Public Servants*) for the purpose of enquiring into certain imputations of misbehaviour by a public servant;

And whereas in the course of the proceedings before the said Commission, and of certain enquiries preliminary to or connected with the said proceedings and undertaken by direction of the said Governor in Council, statements were made and evidence given by public servants and other persons, by reason of which statements or evidence the said public servants and other persons became or might become liable to suits, prosecutions or penalties under the Statute 49 Geo. III, Chapter 126, or the Indian Penal Code, or otherwise; XLV of 1860.

And whereas it is expedient to free the said public servants and other persons from all liability to civil or criminal proceedings in respect of any cause of action or charge arising out of any admission of an offence in any statements made or evidence given as aforesaid;

It is hereby enacted as follows:—

Indemnity to witnesses.

1. No suit, prosecution or other proceeding shall be commenced or continued against any person in respect of any cause of action or charge arising out of any admission of an offence in any statement made or evidence given before the said Commission, or in any enquiry undertaken by direction of the said Governor in Council in connection with the proceedings of the said Commission.

STATEMENT OF OBJECTS AND REASONS.

THE object of this Bill is to protect certain persons from proceedings which might be taken against them in consequence of admissions made by them in the course of the investigation before the Commission which sat at Poona in October, November, December and January last under Act XXXVII of 1850, or in the course of the connected inquiries which were undertaken by direction of the Governor of Bombay in Council, with respect to imputations of misbehaviour made against Mr. Arthur Crawford, of the Bombay Civil Service.

The 19th September, 1889. ANDREW R. SCOBLE.

S. HARVEY JAMES,
Secretary to the Government of India.

The Gazette of India.

PUBLISHED BY AUTHORITY.

SIMLA, SATURDAY, SEPTEMBER 21, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART VI.

ABSTRACT OF THE PROCEEDINGS OF THE COUNCIL OF THE GOVERNOR GENERAL OF INDIA, ASSEMBLED FOR THE PURPOSE OF MAKING LAWS AND REGULATIONS UNDER THE PROVISIONS OF THE ACT OF PARLIAMENT 24 & 25 VICT., CAP. 67.

The Council met at Viceregal Lodge, Simla, on Thursday, the 19th September, 1889.

PRESENT:

His Excellency the Viceroy and Governor General of India, G.C.M.G., G.M.S.I., G.M.I.E., *presiding*.

His Honour the Lieutenant-Governor of the Punjab, K.C.S.I.

His Excellency the Commander-in-Chief, Bart., V.C., G.C.B., G.C.I.E., R.A.

The Hon'ble Lieutenant-General G. T. Chesney, C.B., C.S.I., C.I.E., R.E.

The Hon'ble A. R. Scoble, Q.C., C.S.I.

The Hon'ble Sir C. A. Elliott, K.C.S.I.

The Hon'ble P. P. Hutchins, C.S.I.

The Hon'ble Sir D. M. Barbour, K.C.S.I.

The Hon'ble Bábá Khem Singh Bedi, C.I.E.

CANTONMENTS BILL.

The Hon'ble LIEUTENANT-GENERAL CHESNEY moved that the Report of the Select Committee on the Bill to consolidate and amend the law relating to Cantonments be taken into consideration. He said:—

"I should explain that the object of these proposed amendments is to correct an oversight which occurred in the revision of the original Bill by the Select Committee. It was proposed by that Bill to extend enactments to cantonments *by rule*. Under the revised Bill enactments are to be extended *by notification*. The necessity of making certain consequential amendments in other parts of the original Bill was unfortunately overlooked by the Select Committee. It being desirable to move these amendments, I have, after consultation with His Honour the Lieutenant-Governor of the Punjab and the Hon'ble the Law Member, considered it expedient to indicate that, where cantonment regulations are extended to an area beyond the limits of a cantonment, there may be cases in which it may be proper to award compensation to persons who may be injuriously affected by their extension."

The Motion was put and agreed to.

The Hon'ble LIEUTENANT-GENERAL CHESNEY also moved that the following amendments be made in the Bill:—

i.—That in section 26, clause (28), for the words and figures "under section 25 or of rules made under this section", in lines 5 and 6, the words "or rules made under this Act" be substituted.

ii.—That for section 28 the following section be substituted, namely:—

Extension of certain enactments and rules to places beyond cantonments.

"28. The Local Government may, by notification in the official Gazette and subject to any conditions as to compensation or otherwise which it may see fit to impose, extend to any area beyond a cantonment and in the vicinity thereof—

(a) any enactment which, with or without restriction or modification, has been extended to the cantonment or any part thereof under section 25, or

(b) any rule in force in the cantonment or any part thereof under clause (12) or any of the following clauses of section 26, as well as any direction there in force under sub-section (4) of section 27;

and the enactment, rule or direction specified in the notification shall, so long as the notification remains uncancelled, apply to that area as if the area were included in the cantonment."

iii.—That in section 31, for the words "the powers conferred by this Act or any rule thereunder", in lines 8 and 9, the words "powers conferred by or under this Act" be substituted.

The Motion was put and agreed to.

The Hon'ble LIEUTENANT-GENERAL CHESNEY then asked for leave to postpone the Motion that the Bill, as amended, be passed.

Leave was granted.

FOREST BILL.

The Hon'ble MR. HUTCHINS moved that the Bill to amend the Indian Forest Act, 1878, the Burma Forest Act, 1881, and the Upper Burma Forest Regulation, 1887, be referred to a Select Committee consisting of the Hon'ble Mr. Scoble, the Hon'ble Muhammad Ali Khan, the Hon'ble Mr. Crosthwaite and the Mover.

The Motion was put and agreed to.

BILL TO INDEMNIFY CERTAIN WITNESSES.

The Hon'ble MR. SCOBLE moved for leave to introduce a Bill to indemnify certain witnesses. He said:—

"By order dated the 16th of October, 1888, a Commission was appointed, under Act XXXVII of 1850, to enquire into certain charges of the corrupt receipt of money and of improperly borrowing money, made against Mr. Arthur Travers Crawford, of the Bombay Civil Service, and Commissioner of the Central Division of that Presidency. That Commission was appointed by the Governor in Council of Bombay, without whose sanction Mr. Crawford was not removable from his office, and who was of opinion that, in the words of the Act, there were good grounds for making a formal and public enquiry into the truth of the imputations of misbehaviour against him.

"In reporting its proceedings to the Secretary of State, the Bombay Government writes:—

'The information concerning Mr. Crawford's alleged malpractices was in the first instance furnished to Government by certain Native gentlemen and officials of high position, who did not admit that they had themselves paid bribes, and who are not suspected of having done so. They mentioned the names of the persons who, as they believed, had given money, and supplied particulars of some of the transactions. To push the enquiry a stage further, and to procure more positive personal and detailed information, it became then necessary to obtain the statements of the men alleged to have themselves paid money; and to effect this it was requisite to give a definite assurance to the officials concerned that their admissions should not be used to their own ruin, and that they would not be prosecuted or punished by Government if they fully, freely and truthfully disclosed what they knew and what they had done. It was obviously of no avail to believe or hope that Native officials who, as Government had good ground to suppose, had paid bribes would voluntarily come forward and without any promise of immunity would make confessions which might ensure their immediate degradation,

dismissal or prosecution in the Criminal Courts, the more especially when, in order to render their own safety absolutely secure, they had only to resolutely deny all cognizance of any payments. The Government was therefore placed in the predicament that it must either give the suspected offenders a promise that, if they spoke the truth, they would be granted immunity from evil consequences, and obtain on this condition such evidence as they could or would give; or refuse to furnish any such guarantee and find itself left powerless and unable to take any action in the presence of what it believed to be a system of widespread and pernicious corruption, and of great and criminal abuse of power. With these alternatives before us, we felt no hesitation in deciding that in the circumstances the preferable, indeed the essentially necessary, course to adopt was to authorize the offer of indemnity to witnesses.'

"The indemnity which, under the stress of these considerations, was actually offered, by the Inspector-General of Police on behalf of the Government, ran in these terms:—

'Mr. Ommanney is empowered to promise immunity from prosecution to any person giving evidence, and, in cases of payments for promotion or to obtain or avoid transfers, may guarantee immunity from official or departmental punishment or loss, subject to the stipulation that the evidence given is the truth, the whole truth, and nothing but the truth."

"The indemnity was therefore twofold—it was a promise not only of exoneration from criminal liability, but also of complete freedom from dismissal from office or degradation such as would ordinarily follow admitted corruption. Such an indemnity, it is clear, could only be made good by legislation in this Council or by Parliament. It was beyond the powers of the Bombay Government. The extent to which it should be recognized has been a matter of long and anxious consideration both by the Government of India and the Secretary of State. The conclusion arrived at is that, while the first part of the indemnity may be confirmed by enactment, the second part must be dealt with administratively. My hon'ble friend Mr. Hutchins will presently explain the manner in which this is to be done: it is my task to submit to you the grounds and the scope of the proposed legislation.

"Both in England and in India, the corruption of public functionaries is an offence. An old Statute—5 & 6 Edward VI, c. 16—is directed 'against buying and selling of offices,' among the offices particularly indicated being those which 'in any wise touch or concern the administration or execution of justice, or the receipt, controlment or payment of any of the King's Highness treasure' or revenue. This Act and all the provisions therein contained were extended by 49 George III, c. 126, to 'all offices, commissions, places and employments belonging to or under the appointment or control of the United Company of Merchants of England trading to the East Indies.' By the Act for the better government of India, 21 & 22 Vict., c. 106, s. 64, it is provided that all enactments applicable to the officers and servants of the East India Company in India are to remain applicable to the officers and servants appointed or employed in India after the transfer of the Government of India to the Crown. There can therefore I think be little room for doubt that the earlier Acts to which I have just referred apply to all persons holding public appointments under the Government in India at the present day of the character which these Acts were intended to reach. By these Acts it is provided that 'if any person shall purchase or bargain for the purchase of or give or pay any money, fee, gratuity, loan of money, reward or profit, or make or enter into any promise, agreement, covenant, contract, bond or assurance to give or pay any money, fee, gratuity, loan of money, reward or profit, or shall by any way, means or device contract or agree to give or pay any money, fee, gratuity, loan of money, reward or profit, directly or indirectly, for any office, commission, place or employment specified or described in the said Acts, or within the true intent and meaning of the said Acts.....or for any appointment or nomination thereto, or resignation thereof, or for the consent.....or voice.....of any person.....to any such appointment, nomination or resignation,' he shall be guilty of a misdemeanor, and be 'adjudged a disabled person in the law, to all intents and purposes, to have, occupy or enjoy' the office which he had obtained or sought to obtain by such corrupt means. The Penal Code also, as I need scarcely remind the Council, contains provisions whereby the acceptance or obtaining of any gratification by a public servant 'as a motive or reward for inducing by corrupt or illegal means any public servant to do, or to forbear to do, any official act, or in the exercise of his official functions to

show favor or disfavor to any person,' and the abetment of any such offence by a public servant, are made punishable by fine and imprisonment.

"This being the state of the law, the Bill which I ask leave to introduce provides that no suit, prosecution or other proceeding shall be commenced or continued against any person in respect of any cause of action or charge arising out of any admission of an offence in any statement made or evidence given before the Crawford Commission, or in any enquiry undertaken by direction of the Governor of Bombay in Council in connection with the proceedings of the said Commission. We thus give legal force to the first part of the indemnity. I trust the Council will agree with me in thinking that, in any legislation which we may sanction in this respect, we should endeavour to give the fullest possible effect to the undertaking into which the Bombay Government has entered with regard to these witnesses. I do not go the length of saying its *ipsissima verba* must be observed: but, broadly, I think we ought to do all that we reasonably can to keep faith with all those who, on the strength of this indemnity, made admissions which have brought them within the grip of the law.

"It has been questioned in some quarters whether this Council has power to pass such a Bill, and whether there is any precedent for such legislation. I think these objections have no real foundation. In the first place, under section 22 of the Indian Councils Act, this Council has power to repeal, amend or alter any laws or regulations (including all but certain reserved Acts of Parliament) which were in force in India in 1861; and it has therefore full authority to repeal entirely, and *à fortiori* to modify the operation of, the Acts to which I have referred and which are not among those reserved. With regard to the second point, the power to make laws for all persons, and for all Courts of Justice, and for all places and things within Her Majesty's Indian territories, given by the same section of the Indian Councils Act, includes the power to pass an Act of Indemnity, which is merely a formal and convenient method of exercising the prerogative of pardon. But, if positive precedent be needed, it may be found in the Acts of Parliament relating to corrupt practices at parliamentary and municipal elections, or, to take the latest instance, in the Act passed last year with reference to what is popularly known as the Parnell Commission. It is true that the course which English legislation has usually taken of late has been to offer indemnity before the commencement of the proceedings to witnesses who shall make 'a full and true disclosure touching all the matters in respect of which they are examined' and to make the indemnity depend on the certificate of the Commissioners that the condition has been fulfilled; and it may be regretted that this course was not adopted in the present case. But that which may be lawfully done beforehand is not rendered unlawful by being done afterwards. The validity of the indemnity is not impaired by its being granted *ex post facto;* and it is competent for the Legislature to exercise, instead of delegating, its authority, and to dispense with conditions when the means of fulfilling them are no longer available. The Commission being dissolved, its certificate cannot now be procured, and this Council must take its place. Under these circumstances, I have no hesitation in asking the Council, instead of directing a new enquiry, to extend the benefit of the indemnity to all the witnesses who gave their testimony on the faith of its protection.

"It has not been deemed necessary to provide in the Bill for the validation of the official acts of the disqualified officials. A clause in the Statute of Edward VI enacts that 'all judgments given, and all other act or acts executed or done by any person or persons so offending by authority or colour of the office or deputation which ought to be forfeited or not occupied or not enjoyed by the person so offending, after the said offence by such person so committed or done, and before such person so offending for the same offence should be removed from the exercise, administration and occupation of the said office or deputation, should be and remain good and sufficient in law to all intents, constructions and purposes, in such like manner and form as the same would or ought to have remained and been if this Act had never been had or made'; in other words, that the disability of the officer by reason of his having obtained his office by corrupt means shall not, in itself, be sufficient reason for setting aside any of his judicial or other proceedings which are unassailable on other grounds."

The Hon'ble MR. HUTCHINS said :—

"I think I should take this opportunity of explaining the part taken by the Home Department of the Government of India in this most unfortunate matter of the Bombay Mamlatdars, who, under the influence of a guarantee against loss, have made statements to the effect that they paid money to Mr. Crawford or to others whom they had reason to regard as his agents. And perhaps I should first explain why the Government of India did not at once take the matter into its own hands. It is one which deeply concerns the internal administration of the country and the character and conduct of the officials by whom that administration is carried on. In ordinary circumstances, therefore, it should have been settled by the Government of Bombay in communication with the Government of India rather than with the Secretary of State. The case of Mr. Crawford, however, had to be disposed of by the Secretary of State, and in accordance with the usual course it was reported directly to His Lordship by the Government of Bombay. The cases of certain Mamlatdars had been brought into prominence owing to their having given evidence before the Commission on Mr. Crawford, and the Government of Bombay in their despatch of 15th February, to the Secretary of State, after intimating the suspension of six officials from judicial functions, showed very clearly that they had before them a long and complicated investigation in the conduct of which they ought to be left perfectly free. They said : –

'The officials with whom we have thus dealt were those who, when examined before the Commission, stated that they had paid money in order to obtain appointments to which were annexed magisterial powers or powers of a higher class than those which at the time they gave the bribes they were exercising. Numerous other officials in similar posts gave evidence before the Commission to the effect that they had paid money to Mr. Crawford or his alleged agents, but their cases are more complicated, and in respect of them a decision can only be arrived at after mature deliberation and careful consideration of all the circumstances in each individual instance. The circumstances in the different cases are so complex and various that they can only be appreciated on deliberate consideration of the entire case. The final disposal even of the question of the native officials who have now been suspended from the exercise of magisterial powers must await our general judgment on the case as a whole. The function which this Government is now called on to discharge is in its essence a judicial one, and in our opinion no intermediate order should now be passed which would prejudice our final decision, and all incidental questions must remain undecided, save as to provisional and necessary arrangements, until that judgment is arrived at.'

"On the 1st March the Government of Bombay submitted the report of the Commission on Mr. Crawford, together with their own opinion, but meanwhile and subsequently various direct communications passed between the Secretary of State and the Government of Bombay regarding the subordinate officials who had given self-inculpating evidence. So long as such direct correspondence continued, the Government of India felt that their interference was highly undesirable and might produce awkward, perhaps even mischievous, consequences. It was not until the Secretary of State announced his final decision that they considered themselves free formally to intervene.

"The decision of the Secretary of State was contained in a telegram addressed to the Government of Bombay and dated 7th August, which runs as follows :—

'On further consideration, I am of opinion that the case of Mamlatdars must be governed by the spirit of Statute 49 George III, and consequently the order passed by you must be revised. Mamlatdars and other officers proved to have paid money to obtain their offices, or promotion or other official favours, must be dismissed altogether from Government service, unless their cases fall within the second of the two classes into which incriminated officials are divided by paragraph 2 of your Revenue Despatch of 3rd May, 1889. They must be compensated in money for failure of Government to fulfil a pledge which has been found to be out of the power of the Government to perform. In doubtful cases, Sindekar included, and also as to compensation, consult Viceroy before deciding.'

"In this decision the Government of India substantially concur. Stated shortly, its effect is that those who paid money spontaneously cannot be allowed to remain in the service of the State, and that only those can be retained whose payments were virtually extorted. This Bill will indemnify all against suits and prosecutions, but it will not relieve any who made corrupt payments without any extreme pres-

sure from the other penalties which they have incurred under the Statute 49 Geo. III, c. 126. It is not considered right that the guarantee against official or departmental punishment or loss should be maintained in all cases. The rights and liberties of Her Majesty's subjects must not be left at the mercy of Judges or Magistrates who have corruptly purchased their offices and powers. The dismissed men, however, will be given pecuniary compensation for this partial nonfulfilment of the guarantee.

"To show the action taken since the telegram of the 7th August removed the objection to our formal intervention I cannot do better than read some extracts from a letter addressed to the Bombay Government by the Home Department on the 2nd instant:—

'The last portion of this telegram directed that doubtful cases should be referred to the Government of India, and also the question of the compensation to be given to dismissed officials who had received guarantees of indemnity from the Bombay Government. The case has thus come directly under the cognizance of the Governor General in Council, and it has since been determined by His Excellency in Council, in communication with the Secretary of State and the Government of Bombay, that it is expedient to pass an Act of Indemnity to protect against suits and prosecutions those incriminated officials who stated under guarantee that they paid money to Mr. Crawford. But before such a Bill of Indemnity is introduced it seems desirable that the cases of all those who had publicly inculpated themselves before the Commission should be finally disposed of, such as had brought themselves within the purview of the Statute being absolutely dismissed, and the grounds on which the others might be excused being clearly ascertained. In this view it has become necessary for the Governor General in Council to satisfy himself as to the propriety of the orders passed by the Government of Bombay in every such case, and accordingly my telegrams of the 21st and 22nd desired that His Excellency the Governor in Council would proceed to review his classification of the officials in question, and submit in the first instance the names of those who should unquestionably be removed from office.

'The Bombay Government's Despatch of the 3rd May divided the incriminated officials into two classes:—

"the first comprising those * * * * who * practically volunteered the payment of bribes to secure their own objects, * * * * the second including those who only paid under extreme pressure, in order to avoid unmerited degradation, unjust supersession or ruinous transfers, * * * or * * * * to prevent * * * * the blasting of their official careers."

'Under the terms of the Secretary of State's telegram of the 7th August those who come under the first category must be dismissed without delay, compensation for the loss of office being given to such as made disclosures under the guarantee offered to them through Mr. Ommanney and who have fulfilled the conditions attached to that guarantee. But those who fall under the second category need not be necessarily removed from office. It will comprise those cases in which payment of money was virtually extorted, and was not such a spontaneous and voluntary act as to bring it beyond doubt within the intention of the Statute. As regards these persons the Government of India will be prepared to declare that they have not incurred the disabilities enacted by the Statute and need not be disturbed in their appointments.

'Your telegram of the 23rd August reported the names of seven persons as liable to dismissal under the orders of the Secretary of State. * * *

'All these persons gave evidence before the Commission, and their evidence is recorded in the Commissioners' Report. In regard to them, therefore, the Government of India is in a position to pass orders. His Excellency the Governor General in Council has carefully considered the statements made by them at the enquiry, and fully agrees with the Governor in Council that they have incurred the penalty of dismissal provided by the Statute. In the last two instances only has there been any serious attempt to suggest oppressive treatment by Mr. Crawford, and in neither was there anything which even approaches to extortion. The Commissioners held in Vinzé's case that the suggestion was "altogether unfounded," and in Támbé's case that "as to the allegation that he was driven to give a bribe by being transferred and superseded, we find it to be groundless." All these seven persons must accordingly be dismissed as proposed.

'In your telegram of the 25th August, you reported the names of seven other officials as also liable to dismissal. * * *

'All these persons received guarantees, but only two of them * * * gave evidence before the Commission. Regarding the rest the Government of India are not in possession of any evidence on which they can come to a decision as to the category in which they should be classed. As regards Kumthekar, his own statements recorded at page 19 of the evidence before the Commission show conclusively that he gave money willingly to obtain an appointment and confirmation as Mamlatdar, and he must undoubtedly be dismissed. Bivalkar's case was not proceeded with at the enquiry, and his evidence in Drávid's case, printed at page 180 of the record, is not altogether conclusive. The Government of Bombay should proceed to deal with his case, as well as with those of

any others who did not appear before the Commission, on such evidence as may be in their hands. Those whom His Excellency in Council may find to have made voluntary payments should be at once dismissed. Those cases in which the payment is held to have been virtually extorted should be reported for the information of the Government of India, together with the grounds on which such conclusion has been arrived at.

* * * * * * * *

'Lastly, it will be for the Government of Bombay to propose for the orders of the Governor General in Council the grant of such compensation to the dismissed officials as they think called for. The circumstances of each case should be fully stated so as to enable the Government of India to arrive at a decision.'

"In pursuance of these instructions the Government of Bombay has already removed from the public service the eight officials whom the Government of India directed to be dismissed, and will shortly dispose of others who clearly do not fall under the category of persons who paid under great pressure. It cannot be imputed to the Government of Bombay that in removing these men they are breaking their own guarantee, for their promise has to this extent been overruled by the Secretary of State and the Government of India, and the whole question reduced to the single issue of fact whether the payment can or cannot be regarded as having been extorted. Where this issue is decided against the official his dismissal follows as a necessary consequence, and is the act not of the Bombay Government but of the appellate authorities which has enjoined the course of action to be pursued. Now that the line of action has been distinctly laid down and some of the leading cases finally disposed of, there is no reason why the Act of Indemnity should be further delayed. The disposal of some of the cases may occupy a considerable time, and it is possible that in some instances further investigation as to the circumstances which led to the payment may be required.

"My hon'ble friend has so framed his Bill as to indemnify against suits and prosecutions all who have confessed to making corrupt payments. In the matter of such statutory indemnity I agree that it is better not to allow the raising of questions whether the particular individual received a formal guarantee, and, if so, whether he has substantially fulfilled the condition by telling the truth, the whole truth, and nothing but the truth. These considerations, however, will materially affect his claim to pecuniary compensation for loss of office."

His Excellency THE PRESIDENT said :—

"The events which have rendered it necessary for the Government to legislate in reference to this subject are so familiar to the public that it is scarcely necessary to offer a lengthened explanation of them in this room, and I have very little to add to the statements which have been made by my Hon'ble Colleagues. The Bill before the Council has been prepared with the object of enabling the Government of Bombay to redeem, as far as it can be properly allowed to redeem, the pledge which was given on its behalf to certain persons implicated by their own confession during the course of the proceedings connected with the recent prosecution of Mr. Crawford. It is, I think, very desirable that there should be no misunderstanding as to the circumstances under which this guarantee was given. The Bombay Government had satisfied itself that there prevailed within a part of the Presidency a system of widespread corruption, encouraged, or deliberately connived at in his own interest, by an official high in the service of Government. Holding this belief, it determined to strike a blow at the system by proving the guilt of the person who was believed to be mainly responsible for its existence and in inflicting exemplary punishment upon him. The surroundings of the case rendered it highly improbable that the evidence necessary in order to obtain a complete disclosure of the facts would be obtained, unless those who were able to give such evidence received an assurance that they would be protected against the consequences of their own admissions. *Primâ facie*, and putting on one side for a moment the purely technical and legal aspects of the matter, I think the case was one in which it was entirely for the Government of Bombay to decide whether such an assurance was or was not indispensable. The object aimed at by the institution of these proceedings was one of such vast importance, and the necessity of purging the public service of abuses as flagrant as those of which the existence was suspected was so urgent, that it does not seem to me that any complaint can, as a matter of principle, be made of the Bombay Government merely upon the ground that, in order to secure the conviction of the person whom it regarded, and rightly regarded, if his guilt was to be

assumed, as by far the most conspicuous offender, it was content to allow others, whose guilt was, upon this assumption, infinitely less serious, to escape the punishment which they deserved. A promise of indemnity under such circumstances was not, therefore, it seems to me in the least reprehensible. Nor, on the other hand, was such a promise unusual, for cases must be familiar to us all in which such engagements are permitted to be given to lesser criminals in order to obtain the conviction of more serious offenders.

"I think, moreover, that we may go further, and say that the offence which it was desired to condone, considering the circumstances under which it was committed, was, in the case of a large number of the persons to whom the guarantee of indemnity was given, not of so heinous a nature as to justify the view that any grave miscarriage of justice would have been involved by allowing those persons to escape the punishment to which they had rendered themselves liable. It is difficult to read the papers which have been submitted to the Government of India in this connection without coming to the conclusion that the Bombay Government is justified in its contention that a large number, at all events, of the incriminated officials, are to be regarded rather as the victims of extortion than as willing parties to corruption. In regard to this point, I have only to add that the evidence disclosed before the Commission appears to show that there were different degrees of culpability amongst the persons by whom the guarantee of indemnity was accepted, and that it does not seem to be beyond our powers to distinguish between those whose offence may, for the reason which I have just given, be regarded as comparatively venial, and those who are guilty of corruption of a more serious kind.

"To the whole of these persons apparently, without reference to the degree of their guilt, a promise of indemnity was extended on behalf of the Bombay Government. No question can arise as to the *bonâ fides* of that guarantee, or as to the sense of duty which led the Bombay Government to give it. The question seems to have been regarded by that Government purely as one of policy, and it is evident from the correspondence which has taken place that no doubt ever arose in their mind with regard to the legality of the action which they were taking.

"It was not until several months after the engagement had been thus entered into, and after the persons to whom it had been given had tendered their evidence, that the legality of the step was called in question. The point is one involving the interpretation of a Statute, and I will not take up the time of the Council in discussing it. It is sufficient to state that it did not occur at the time to the legal advisers of His Excellency the Governor that the Act of Geo. III was applicable to the case with which they were dealing, and I understand that even now, when their attention has been specifically directed to the matter, they are not prepared to admit the applicability of the Statute. Their interpretation of the Statute has, however, not been accepted by the Secretary of State, who has distinctly intimated that, in the opinion of Her Majesty's Government, the guarantee was *ultra vires* and illegal. The reasons alleged by the Bombay Government in support of their view have been carefully examined by our Hon'ble Colleague Mr. Scoble, and he has just stated fully the considerations which have led him, and which have led the Government of India, to concur with the opinion which the Secretary of State has expressed.

"What then is the position of the Bombay Government? Its good faith is not called in question for a moment; the objects with which it acted were objects which must commend themselves to all right-thinking persons, and, as I pointed out just now, the engagement given by them was not in principle abhorrent to our ideas of morality, or in practice unfamiliar to our judicial procedure. It appears to me that, under these circumstances, it is our obvious duty to give the Bombay Government every assistance in our power in order to enable it to redeem an engagement which it has been compelled to break. The faith of the Government of a great Presidency is not lightly pledged, and that pledge once given should be respected in the spirit as well as in the letter. I can conceive nothing more unfortunate than that an impression should be allowed to prevail in the minds of the people of this country that the Government of India, or any portion of it, is prepared to play fast and loose with a solemn engagement deliberately entered into by any person authorised to represent it, or to speak on its behalf, and I believe I am expressing the views of the

Government of India, as well as those of the Secretary of State, when I say that it has been our desire in this instance, as far as it was possible to do so, to make good in all essential respects the undertaking on the strength of which these witnesses tendered their evidence to the Commission.

"It appeared, however, to the Secretary of State that there was a point beyond which our desire to redeem the pledge of the Presidential Government ought not to be allowed to carry us, and that that point was reached when the question became one of legislating for the express purpose of retaining in office, and in the discharge of judicial and administrative functions requiring the highest integrity for their proper performance, persons who had not only become legally incapable of serving the State, but who, by their own admission, had shown themselves guilty of deliberate and voluntary corruption, and consequently wanting in the qualities most essential to secure for them the confidence of the public. The Secretary of State believed that if the guarantee given in such cases was to be literally observed, if a law was to be passed with the object of relieving from a statutory disability men whose fault could not be regarded as a venial one, who were not in any sense the victims of extortion, but the willing aiders and abetters of corruption, a greater blow would be struck at the purity of the public service by the condonation of notorious guilt than by a partial departure from the terms of the bargain into which the Government of Bombay had entered. This view is that which the Government of India is ready to adopt. Except in the cases of some of the most gravely implicated officials, the engagement entered into by the Bombay Government will be literally fulfilled. In these cases we believe that, having to choose between a partial cancellation of the guarantee, and the retention in office of men self-convicted as unworthy of public confidence, a partial cancellation of the guarantee is the lesser evil.

"The test which has been adopted in order to determine in each case whether a more or less serious view should be taken of the guilt of the person concerned, has been that to which I referred just now. It is well described in the Despatch from the Bombay Government to the Secretary of State dated May 3rd, which divided the incriminated officials into two classes:—

'the first comprising those—a comparatively small number—who either practically volunteered the payment of bribes to secure their own objects, to gain undue promotion, or to escape the results of previous misconduct, or who on but slight provocation or under slender temptation paid money to purchase favours to which they had no substantial claim; the second including those who only paid under extreme pressure, in order to avoid unmerited degradation, unjust supersession, or transfers ruinous to their purse and destructive as they feared of their health, or who gave money in despair and on repeated applications to prevent, as they believed, the blasting of their official careers.'

"Adopting this distinction we have come to the conclusion that those officials of whom it cannot be said that the acts of corruption to which they have pleaded guilty were committed under compulsion, or pressure, must be suffered to take a part at all events of the consequences of those acts, and ought not to be relieved from the incapacity which the Statute of Geo. III imposes upon all persons guilty of such offences. Even in these cases, however, the Bombay Government will be authorized to make good, as far as may be, the assurance which it had given by the payment of an equitable compensation for loss of office to each official removed from the service. The position of the officials who fall within this category will, therefore, be as follows: The terms of the indemnity which they received were intended to shield them in three respects: it led them to expect, first, exemption from punishment for an indictable offence; secondly, protection from private suits and prosecutions; and, thirdly, retention of office in spite of a statutory incapacity. In respect of the first and the second of these engagements, the indemnity will remain intact. The third engagement we are unable to make good, except to the extent of offering to the persons concerned a pecuniary compensation for the injury which their professional prospects will sustain. The dismissal of some of these persons has already been publicly announced by the Government of Bombay.

"In the case of those whose guilt is proved to be of a more venial kind, we propose, by means of a Resolution of the Government of India, publicly to confirm the engagement of the Presidential Government, and to announce that no steps will be taken to disturb them in the offices which they hold. The Bill now upon the table will protect both classes from the suits and prosecutions to which they have rendered themselves liable.

"The solution which has been described by my Hon'ble Colleagues will, I trust, meet with the approval of the Council and of the public, not as being in all respects one upon which we can congratulate ourselves, but as being probably the best solution which the conditions of a very delicate and complicated problem permitted. We have endeavoured, as far as the circumstances allowed us, on the one hand to uphold the credit of the Presidential Government, and on the other, to defend the purity of the service, for the defence of which the Government of Bombay, in the face of much hostile criticism, instituted proceedings against one of its highest officials. The two objects were to some extent irreconcilable, and we have, much to our regret, been constrained to require from the Bombay Government in some cases a partial departure from the promises which it had made. I must, in fairness to that Government, insist upon the fact that, so far as the dismissal of these persons is concerned, it has been a reluctant agent, that it has throughout sought to respect in their integrity the pledges which it had given, and that it is only under the orders of a superior authority that it submits to the decision which has been explained to-day. The Secretary of State has already expressed in the strongest terms his admiration for the courage and singleness of purpose with which His Excellency the Governor undertook a task which must have caused him infinite anxiety. That admiration is shared by us, and we desire to go, as far as we can venture to go, in supporting the Government of His Excellency. If, to the extent which I have described, we stop short of a complete confirmation of the steps which it has taken, we do so with regret and out of regard for the very consideration to which he has himself given throughout these occurrences the foremost place—the purity of the public service of India."

The Motion was put and agreed to.

The Hon'ble MR. SCOBLE introduced the Bill, and moved, under rule 18 of the Rules for the Conduct of Business, that the Bill be taken into consideration at the next meeting of the Council.

The Motion was put and agreed to.

The Council adjourned to Thursday, the 3rd October, 1889.

S. HARVEY JAMES,

Secretary to the Government of India,

Legislative Department.

SIMLA;

The 20th September, 1889.

Note.—The Meeting fixed for the 18th September, 1889, was subsequently postponed to the 19th idem.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weather Review of India for the week ending at 8 a.m. on Monday, September 16th, 1889.

The abnormal conditions which were reported last week have continued and intensified during the week under review. The mail steamer which crossed from Aden during the week experienced light south-westerly winds over the western half of the Arabian Sea and light north-easterly winds and fine weather over the eastern half. This shows that the Arabian Sea monsoon was very feeble and did not extend as far as the Coast of India. Hence, instead of the normal westerly and west-north-westerly winds which ordinarily prevail on the West Coast of the Peninsula at this season, variable breezes, generally from the northward and north-eastward, were reported, and the monsoon current was practically non-existent. Towards the close of the week there was some tendency towards change, a low pressure area passing up the Coast and drawing the wind to the southward as it did so. On the Bengal side the winds approximated more closely to the normal monsoon directions than they did on the Bombay side; but after the 13th the wind over the head of the Bay "backed" towards east, and the circulation over the Bay became cyclonic. These conditions have resulted in a more or less general break in the rains, for though showers have occurred in most parts of India except at some north-western stations, the rainfall has generally been slight and intermittent and not such as is associated with monsoon conditions.

The Chart of the 10th showed that a general barometric fall was in progress. Pressure was below the average over the Peninsula, above over the Central Provinces, and about the normal elsewhere. Readings were very uniform over the Peninsula, and gradients were generally slight for the time of year. Southerly winds prevailed over the Bay and easterly winds up the Gangetic plain, but elsewhere the directions were very abnormal. On the 11th pressure was still falling, but the changes were small and the general distribution was unchanged. The southerly wind at the head of the Bay was slightly stronger, but the easterly current over the Gangetic plain was less marked and the wind directions elsewhere were unaltered. Northerly winds still held on the West Coast. On the morning of the 12th there was very little change beyond an increasing deficiency of pressure on the West Coast and an increasing weakness of the monsoon currents all over India. The Chart of the 13th showed great uniformity of pressure and very light and variable winds. The distribution was more like that which at times prevails about the middle of October than that which is ordinarily experienced early in September. The winds around the Bay exhibited an indraught towards the centre of the Bay. The distribution of pressure on the 14th was very remarkable. There was a large deficiency of pressure over the West Coast and adjacent parts of the Arabian Sea, and at the same time there was apparently a large low pressure area over the Bay. The wind had shifted to the eastward over the head of the Bay and was light and variable elsewhere. The Chart of the 15th showed that the area of deficient pressure over the West Coast was working its way northward up the Coast and

that the depression over the Bay was developing slightly. The winds were very variable except along the foot of the hills, where they were steadily south-easterly. By the morning of the 16th the West Coast depression had advanced still further northward and the winds in that neighbourhood had become more normal in direction. Over the Bay there had occurred a considerable development of the depression, and a fairly well marked cyclonic circulation of the winds prevailed. The winds both around the Bay and elsewhere were very light in force, and numerous calms were reported from the inland stations.

Temperature.—The abnormal heat which set in last week with the decreasing rainfall has continued during the week under review and in several Provinces has intensified. Burma, the Punjab, Bombay, the Central Provinces, Sind, and Rajputana had excessive temperature on every day of the week, and in most other Provinces the majority of days were hotter than the average; but in Bengal, owing to the more constant rainfall, all days but one were cooler than the normal. The net results for the week exhibit an excess of temperature in all Provinces except Bengal. The greatest excess is in Bombay, 3°, followed by 2° in the Punjab and the Central Provinces. Maxima exceeding 100° were daily registered in nearly all parts of the Punjab as well as in Upper Sind. The following table shows the amount of the excess or defect of the mean average temperature of the different Provinces for the present and for the preceding week:

PROVINCES.	Difference of Mean Temperature of Last Week from Normal.	Difference of Mean Temperature of Present Week from Normal.
Burmah	+ 0·7°	+ 1·6°
Bengal	— 0·6°	— 0·5°
North-Western Provinces	+ 0·1°	+ 0·2°
Punjab	+ 1·6°	+ 2·0°
Bombay	+ 1·9°	+ 2·9°
Central Provinces and Berar	+ 1·0°	+ 1·9°
Guzerât and Central India	— 0·1°	+ 1·7°
Sind and Rajputana	— 0·3°	+ 1·3°
Madras	— 0·4°	+ 0·1°

Rain.—The conditions affecting rainfall have during the present week been practically the same as those prevailing last week. An unsteady and intermittent monsoon has prevailed on the Bengal side and given rain practically only to Burma, Assam, and Lower Bengal. On the western side of India the monsoon current was non-existent during the greater part of the week and only appeared as a feeble burst of south-west winds quite at the close. Consequently any rain which has fallen in the west of the Peninsula has generally occurred in thundershowers of short duration. Showers have also occurred over Central and Northern India, but there has been no continued rain.

The following is a brief description of the daily distribution of rain.

On the 10th fairly heavy rain was reported from Karwar and from Bengal, Behar, and as far west as Lucknow, while showers had fallen over the west and centre of the Peninsula and the Central and North-Western Provinces. On the 11th showers were reported from the west of the Peninsula, the Central Provinces, Behar, and along the foot of the Himalayas, but had more or less ceased in Bengal. There were no large amounts. On the 12th the general distribution was similar to that of the preceding day, but the showers had ceased in the west of the Peninsula and increased in Bengal. The Chart of the 13th showed that

several heavy falls had occurred in Bengal, but elsewhere any rainfall was very light and scattered. On the 14th scattered showers, generally of small amount, were reported from all parts of the Indian region except the Circars and North-Western India. A similar distribution prevailed on the 15th. The Chart of the 16th showed that showers had fallen over most of the Coast districts, but at very few of the inland stations.

The table at the close of the summary exhibits very clearly the general deficiency of rain during the week. At thirty-six of the rainfall districts the amount received has been short of the average and at only fourteen has it been in excess. Two divisions in the Punjab, as well as Sind and Rajputana, were entirely without rain, and Orissa, the North-Western Provinces (West), and the Punjab (South and North-West), received only insignificant amounts.

The greater part of Burma has again received deficient rainfall, the only exception being Lower Burma, with an excess of 0·18 inch. In Bengal and Assam the distribution has been irregular. The Brahmaputra Valley, Central Bengal, and Behar have all received more than the normal amount, while Eastern Bengal, the Surma Valley, North Bengal, Orissa, and Chota Nagpur have had deficient rains. With the single exception of Oudh North, the whole of the North-Western Provinces and the Punjab have had deficient rain and in some districts none at all. The West Coast of the Peninsula, with the exception of the Konkan owing to the constant showers, has received excessive rain, and this excess has extended inland over the Deccan, Khandeish, and Berar. Guzerat, Kathiawar, and Sind, like North-Western India, have had very little rain, and in Rajputana there has been none. The Central Provinces and Central India exhibit a large deficiency, and the same is true of the east of the Peninsula. In the extreme south there have been some heavy falls and a considerable excess.

The maximum falls call for very little comment. Cherrapunji received only 1¾ inches during the week, and though some largish amounts are reported from North Bengal and Behar, the falls in general over Burma, Bengal, and Assam are unimportant. In Upper India the amounts were all small. In Western India, Alipi was the only place which received more than 10 inches.

The final column of the table shows that the area over which the seasonal rainfall is deficient is increasing. The following are the divisions where the rainfall since the middle of May is deficient by more than 10 per cent.:—Lower and Central Burma, Eastern Bengal, Deltaic Bengal, North-West Provinces (West), Punjab, Central, Submontane and Hill districts, Khandeish, Sind and Rajputana West. The divisions of Deltaic Bengal and the North-Western Provinces (West) have come into the deficient list since last week. In all other parts of the Indian region the seasonal fall equals or nearly equals the average.

PROVINCE.	DIVISION.	Rainfall Data for Week ending September 16th, 1889.			Rainfall Data from May 13th to September 16th, 1889.		
		Average Actual Rainfall of Division.	Average Normal Rainfall of Division.	Excess or Defect, in inches.	Average Actual Rainfall of Season to date.	Average Normal Rainfall, May 13th to September 16th.	Excess or Defect of (Seasonal) Rainfall expressed as a percentage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
Burmah	Tenasserim	4·06	8·25	— 4·19	160·24	157·84	+ 2
	Lower Burmah	3·58	3·40	+ 0·18	63·02	80·18	— 21
	Central Burmah	1·76	2·46	— 0·70	49·13	64·06	— 23
	Upper Burmah	1·26	?	?	29·58	?	?
	Arakan	2·00	5·22	— 3·22	152·81	161·86	— 6
Bengal and Assam	Eastern Bengal	0·96	2·42	— 1·46	58·26	69·86	— 17
	Assam (Surma)	1·72	3·76	— 2·04	101·59	82·39	+ 23
	Do. (Brahmaputra)	2·45	2·03	+ 0·42	71·27	59·67	+ 19
	Deltaic Bengal	0·35	1·70	— 1·35	39·62	44·40	— 11
	Central Bengal	3·06	1·98	+ 1·08	43·25	43·51	— 1
	North Bengal	3·99	4·37	— 0·38	90·19	81·53	+ 11
	Orissa	0·28	2·94	— 2·66	38·28	41·09	— 7
	Chota Nagpur	2·01	2·03	— 0·02	40·15	41·79	— 4
	Behar (South)	2·35	1·46	+ 0·89	37·34	34·49	+ 9
	Do. (North)	5·37	2·09	+ 3·28	46·05	39·21	+ 17
North-Western Provinces and Oudh.	North-Western Provinces (East).	1·37	2·03	— 0·66	38·59	29·94	+ 26
	Oudh (South)	1·04	2·25	— 1·21	38·18	30·20	+ 26
	Do. (North)	1·87	1·62	+ 0·25	37·96	32·30	+ 18
	North-Western Provinces (Central).	0·76	1·66	— 0·90	25·75	26·45	— 3
	North-Western Provinces (West).	0·14	1·38	— 1·24	21·47	24·48	— 12
	North-Western Provinces (Submontane).	1·35	1·96	— 0·61	46·24	36·30	+ 27
Punjab	Punjab (South)	0·01	0·41	— 0·40	11·34	11·79	— 4
	Do. (Central)	0	1·08	— 1·08	16·66	20·21	— 18
	Do. (Submontane)	0·21	0·83	— 0·62	20·21	23·28	— 13
	Do. (Hill Districts)	0·53	2·21	— 1·68	59·18	73·49	— 19
	Do. (North-West)	0·07	0·74	— 0·67	15·73	17·51	— 10
	Do. (West)	0	0·22	— 0·22	5·65	6·23	+ 7
Bombay and Malabar Coast Districts (Madras).	Malabar	4·06	2·06	+ 2·00	91·58	92·84	— 1
	Madras (South Central)	2·51	0·67	+ 1·84	28·69	13·23	+ 117
	Coorg	4·25	2·92	+ 1·33	87·01	87·52	— 1
	Mysore	1·96	1·18	+ 0·78	17·83	17·22	+ 4
	Konkan	1·77	3·29	— 1·52	111·18	89·29	+ 24
	Bombay Deccan	3·23	0·97	+ 2·26	22·60	24·80	— 9
	Hyderabad (North)	...	...	...	...	...	...
	Khandeish	2·77	1·27	+ 1·50	15·69	19·24	— 18
Central Provinces and Berar.	Berar	1·34	1·18	+ 0·16	31·41	28·24	+ 11
	Central Provinces (West)	1·70	2·43	— 0·73	32·39	35·78	— 9
	Ditto (Central)	0·95	2·29	— 1·34	47·11	45·42	+ 4
	Ditto (East)	0·69	2·38	— 1·69	48·91	44·20	+ 11
Bombay (North)	Guzerat	0·55	2·92	— 2·37	34·56	36·48	— 5
	Kattiawar	0·88	1·58	— 0·70	24·66	25·10	— 2
	Sind	0	0·28	— 0·28	1·55	4·31	— 64
Rajputana and Central India.	Central India (East)	1·01	1·88	— 0·87	36·32	32·04	+ 13
	Rajputana (East), Central India (West).	0	1·37	— 1·37	28·43	24·03	+ 18
	Rajputana (West)	0	0·68	— 0·68	8·49	12·04	— 29
Madras	East Coast (North)	0·46	1·40	— 0·94	26·35	21·11	+ 25
	Do. (North) (a)	1·20	2·18	— 0·98	30·20	31·53	— 4
	Hyderabad (South)	0·75	1·20	— 0·45	19·43	18·47	+ 5
	Madras (Central)	0·73	0·99	— 0·26	17·23	14·11	+ 22
	East Coast (Central)	0·71	0·89	— 0·18	15·58	15·53	0
	Ditto (South)	1·18	1·28	— 0·10	15·49	13·12	+ 18
	Madras (South)	2·36	0·38	+ 1·98	8·92	6·66	+ 30

W. L. DALLAS,

Assistant Meteorological Reporter to the Government of India

SIMLA, *19th September, 1889.*

E. C. BUCK,

Secretary to the Government of India

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 14th September.*—Rainfall good in all districts, except Nellore. Crops generally good, but withering in parts of South Arcot and Chingleput, and slightly damaged by excessive rain in Nilgiris. Prices rising in eight districts, falling in twelve, and stationary in others. Labourers employed on last day of week,—on Rushikulya works, 4,244; Gopalpur Canal, 1,436; Ghat Roads, 4,895; other minor works, 5,427. Number on village relief on 7th September, 46,983, including 28,772 children; fed in kitchens, 11,187, including 8,015 children. Imports into Ganjam during week by sea and land 800 tons. General prospects favourable.

Bombay.—*For week ending 18th September.*—Rain during week good throughout Deccan and Southern Mahratta Country and beneficial to crops; moderate or slight in other districts; more wanted in parts of Panch Mahals, Kaira, Broach, Surat, Khandesh, Nasik, Thana, Kolaba, Kathiawar, and Baroda. Standing crops damaged by rats, crabs, turtles, and locusts in parts of Karachi; by locusts in parts of Shikarpur; by rats, insects, locusts, drought, and blight in parts of Hyderabad; by blight and locusts in parts of Upper Sind Frontier; and by insects in parts of Kathiawar. Crops otherwise good, except in one taluka of Surat and two of Khandesh. Reaping of early crops commenced in Hyderabad. Fodder scarce in parts of Karachi, Poona, and Ahmednagar. Drinking water scarce in Upper Sind Frontier.

Bengal.—*For week ending 17th September.*—General and heavy rain fell during the week in North Bengal, Behar, and Chota Nagpur. In Orissa rain was almost entirely absent, while in East and South-West Bengal it was very light and partial: some heavy local showers are however reported from Beerbhoom, Bankoora, Moorshedabad, and Mymensingh. A break in the rains seems to be now prevalent in the whole Province. Transplanting of winter rice is almost finished but somewhat retarded for want of sufficient rain in places. In Western Bengal and in the Sadr subdivision of Balasore early jute, rice, and other autumn harvests are proceeding well. In Moorshedabad not much damage to crops has been reported, as more than 12 annas of the autumn rice was reaped before the floods; but there will be some suffering among cattle for want of fodder. In Jessore and Rajshahye some damage has been done by floods. In Rungpore the damage is not serious. Foodstocks continue to be sufficient, and prices are falling in the affected districts. In Muzaffarpur the number of persons in receipt of charity is increasing. In Chumparun relief is being given, but the distress is said to be diminishing. In Bhagulpore the relief works are closed.

North-Western Provinces and Oudh.—*For week ending 18th September.*—Weather generally seasonable. Rainfall heaviest in the eastern and lightest in the central districts. More rain wanted in Jhansi and Meerut. Crop prospects are everywhere favourable. Rice being harvested, yield good. Markets are well stocked, and prices fairly steady.

Punjab.—*For week ending 18th September.*—No rain, except a slight fall in the Lahore and Rawal Pindi districts. Prices rising in Rawal Pindi, falling in Shahpur, and stationary elsewhere. Ploughings for and sowings of *rabi* crops are in progress. Rain wanted in Hissar, Ferozepur, and Sialkot; it is also wanted for *kharif* crops in Umballa and Lahore. Prospects of standing crops are generally good, but only average in Peshawar owing to scarcity of water in the Bara. Crops are slightly damaged by locusts in Mooltan. Rice is suffering for want of rain in Umballa. Fodder is reported sufficient throughout the Province.

Central Provinces.—*For week ending 18th September.*—Weather generally clear with occasional heavy showers. *Kharif* crop in good condition. *Rabi* sowings commencing. Prices inclined to fall.

Burma.—*For week ending 14th September.*—In Lower Burma the rainfall for the week was light in Akyab, Hanthawaddy, Tharrawaddy, Bassein, Thayetmyo, Toungoo, and Mergui, fair in the remaining districts, and heavy in Thongwa. More rain is wanted in Tharrawaddy, where the crops are backward. In Thayetmyo and in Toungoo the crop prospect is on the whole good. In Bassein some damage took place owing to breaches of bund. In Upper Burma rain is much wanted in the following districts:—Mandalay, Shwebo, Myingyan, parts of Pakokku, Minbu (the Môn Valley), and Yamethin; in other districts the crop prospect is good. The price of paddy has risen slightly in Prome and Toungoo, and fallen slightly in Pegu, Henzada, Tavoy, and Mergui; elsewhere in Lower Burma there is no change. In Upper Burma the price has slightly risen in Yeu and fallen in Shwebo and Pakokku; in other districts there are no fluctuations. The food-supply is sufficient throughout the Province.

Assam.—*For week ending 18th September.*—Rainfall light; more rain wanted in Sylhet. Early rice is still being harvested and winter rice transplanted. Crops generally are doing well. Tea is suffering from blight in Cachar, and some damage has been done to crops in Sibsagar by insects.

Mysore and Coorg.—*For week ending 18th September.*—Rainfall good throughout the State of Mysore. Standing crops generally good, but more rain is needed for wet crop in Shikarpur in the Shimoga district. Sowing operations still continue in parts. No material change in prices.

Good rain in Coorg. Season favourable for standing crops. Prices slightly fallen.

Berar and Hyderabad.—*For week ending 18th September.*—Average rainfall 2·66 inches in Berar. Crops in good condition. Weeding continues. Prices of food-grains high in Akola and low in Amraoti district. Pasturage sufficient.

Rainfall during week at Hyderabad, 2·4; total since 1st January, 26·50. Weeding of *kharif* and *rabi* crops completed. Tanks received sufficient water. Fodder for cattle plentiful. Prices stationary.

Central India.—*For week ending 18th September.*—Rainfall slight but general, except in Goona. Crops generally good; no further damage from locusts in Bhopawar. Prices still high in Goona.

Rajputana.—*For week ending 18th September.*—Slight rain in Abu, Kherwara, and Bickaneer. Standing crops damaged by locusts in parts of Sirohi and Marwar. Agricultural stock good. Pasturage or fodder sufficient. Prices steady generally.

Nepal.—*For week ending 12th September.*—Good rain. Weather cool and rainy. Prospects very good.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XXI. OF 1889-90.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	Railways.	Week ending 25th August, 1888. Total mean length open.	Week ending 25th August, 1888. Receipts. Total.	Week ending 25th August, 1888. Receipts. Per mile open.	Week ending 24th August, 1889. Total mean length open.	Week ending 24th August, 1889. Receipts. Total.	Week ending 24th August, 1889. Receipts. Per mile open.	Total Receipts from 1st April to 25th August, 1888. Total.	Total Receipts from 1st April to 25th August, 1888. Per mile open per week.	Total Receipts from 1st April to 24th August, 1889. Total.	Total Receipts from 1st April to 24th August, 1889. Per mile open per week.	Total increase in 1889-90.	To decr in 18
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	R
	State Lines worked by Companies.												
August, 1889	East Indian	1,514	6,05,003	400	1,514	6,19,951	409	1,71,86,187	541	1,75,64,871	553	3,78,684	..
ditto	Patna-Gya	57	5,506	97	57	5,849	102	1,70,131	142	1,74,303	145	4,172	..
ditto	Dildárnagar-Gházipur	12	621	52	12	714	59	20,900	83	19,129	70	...	1
.....	Sindia	75	4,458	59	...	(a)	...	1,54,223	98	(a)	...	...	1,54
August, 1889	Rajputana-Malwa	1,664	2,52,546	152	1,664	2,30,000	142	72,31,540	207	82,11,095	237	9,89,555	..
ditto	Bengal-Nágpur (b)	186	20,522	110	305	(c) 20,166	66	6,61,428	161	(c) 7,56,500	121	95,072	..
ditto	Southern Mahratta (d)	850	60,152	71	857	66,012	77	16,02,904	90	17,43,437	97	1,40,533	..
ditto	Do. Mysore Section	140	10,532	75	296	18,062	61	2,16,897	74	2,97,921	63	81,024	..
ditto	Indian Midland	136	7,121	52	746	(e) 40,335	54	3,02,509	100	(e) 11,57,820	86	8,55,311	..
ditto	Villupuram - Dharmaveram (Nellore Branch)	83	6,144	74	83	5,147	62	1,02,500	59	1,01,309	59	...	1
ditto	Bareilly-Pilibhit	30	1,909	55	36	2,339	65	32,365	45	40,676	56	8,311	..
	Total	4,753	9,74,034	205	5,570	10,14,575	182	2,76,71,584	277	3,00,67,061	267	23,95,477	..
	State Lines worked by Government.												
August, 1889	North Western (f)	2,469	4,47,224	181	2,386	4,36,666	183	96,07,446	185	1,08,38,544	218	12,31,098	..
ditto	Oudh and Rohilkhand	692	95,068	137	692	1,13,157	164	28,73,444	197	32,15,893	221	3,42,449	..
ditto	Bengal Central	125	10,232	82	125	15,490	124	2,44,920	93	2,83,619	108	38,699	.
ditto	Wardha Coal	45	15,630	347	45	8,860	196	2,98,416	316	3,23,051	344	24,635	.
ditto	Eastern Bengal	673	1,89,340	281	747	2,52,030	337	33,32,562	236	36,49,741	248	3,17,179	.
ditto	Nalháti	27	1,786	66	27	1,840	68	40,533	74	39,151	72	...	.
ditto	Tirhoot	259	20,903	81	273	37,348	137	6,87,249	133	7,93,594	145	1,06,345	.
ditto	Lucknow-Sitapur-Sihrámau	105	4,172	40	105	5,451	52	1,05,121	48	1,38,454	63	33,333	.
ditto	Jorhát	25	1,491	60	25	1,104	50	24,075	46	25,076	42	1,021	.
ditto	Cherra-Companyganj	7	198	28	7	187	27	1,574	10	2,471	16	897	.
ditto	Burma (g)	392	37,119	95	553	65,685	119	11,82,773	148	17,95,885	150	6,13,112	.
	Total	4,819	8,23,232	171	4,985	9,38,064	188	1,83,98,112	182	2,11,05,199	205	27,07,387	.
	Lines worked by Guaranteed Companies												
August, 1889	Madras	840	1,47,302	175	840	1,71,085	204	34,23,271	194	37,71,106	215	3,47,835	.
ditto	South Indian	654	1,07,474	164	654	1,03,024	166	22,70,834	165	23,82,045	175	1,11,211	.
ditto	Great Indian Peninsula	1,497	(h) 5,55,313	371	1,449	(i) 3,80,110	208	1,79,41,130	569	1,37,45,004	457	...	41,9
ditto	Bombay, Baroda and Central India (j)	461	1,57,024	341	461	1,45,000	315	51,04,288	527	(h) (l) 54,30,569	505	3,26,281	..
	Total	3,452	9,67,113	280	3,305	8,10,819	239	2,87,39,529	396	2,53,26,324	358	...	34,1
ND TOTAL (Guaranteed and State)		13,024	27,64,979	212	13,950	27,03,458	198	7,48,09,225	274	7,64,98,884	207	16,89,659	.
Gross Estimated Expenses		...	...	...	...	...	...	3,90,36,873	143	3,97,05,600	139	7,38,727	.
Net Receipts		...	...	...	...	...	...	3,57,72,352	131	3,67,93,284	128	9,50,932	.
	Assisted Companies.												
August, 1889	Tárakeshwar	22	3,204	146	22	4,446	202	1,13,490	256	1,21,052	259	1,562	.
ditto	Dibru Sadiya	...	...	...	...	(k)	...	(l) 1,72,101	110	(m) 1,94,908	125	22,807	.
ditto	Bengal and North-Western	376	35,095	93	376	36,540	97	10,44,136	132	11,04,101	141	59,965	.
ditto	Rohilkhand-Kumaun	67	4,733	71	67	5,352	80	1,51,587	113	1,61,190	120	9,603	.
	Total	405	43,052	93	405	46,338	100	14,81,314	130	15,81,311	140	93,997	.
	Native States.												
August, 1889	His Highness the Nizam's Guaranteed	310	27,931	90	354	43,022	122	6,34,099	107	8,06,146	117	2,32,047	..
ditto	His Highness the Gaekwar's	59	1,390	24	59	1,520	26	55,783	45	54,956	45	...	
ditto	His Highness the Gaekwar's Veramgam-Mehsána-Vadnagar	21	512	24	27	630	23	19,635	45	23,715	42	4,080	.
ditto	Bhávnagar-Gondal-Junagarh-Porbandar	193	11,439	59	261	15,129	58	4,17,578	103	5,73,115	105	1,55,537	.
ditto	Morvi	68	1,557	23	68	2,348	35	78,996	55	87,091	61	8,095	.
ditto	Jodhpore	124	3,606	30	124	4,300	35	1,52,000	58	1,40,339	54	...	1
	Total	775	46,495	60	893	66,949	75	13,58,091	87	17,45,992	94	3,87,871	.

(a) Included with Indian Midland Railway.
(b) Includes the Katni-Umaria Branch.
(c) Includes the Sanctoria Coal Section of the Bengal-Nágpur Railway.
(d) Includes the Bellary-Kistna State Railway.
(e) Includes the Sindia and Bhopal-Itarsi State Railways.
(f) Includes the Amritsar-Pathánkot and Rájpura-Bhatinda State Railways.
(g) Includes the Toungoo-Mandalay extension.
(h) Includes the Dhond-Manmád, Khámgaon, Amráoti, and Bhopal-I State Railways.
(i) Includes the Dhond-Manmád, Khámgaon, and Amráoti State Railwa
(j) Includes the Patri Branch.
(k) Return not received.
(l) Total receipts from 1st April to 18th August, 1888.
(m) Total receipts from 1st April to 17th August, 1889.

M. C. BRACKENBURY, *Major, R.E.,*
Under-Secret

SIMLA, *19th September, 1889.*

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CALCUTTA, SATURDAY, SEPTEMBER 21, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, &c.

GAZETTE OF INDIA.

NOTICE.

The 23rd March, 1889.

From the 13th April next, till further notice, Parts I, IV, V, and VI of the *Gazette of India*, and the Weather and Crop Report, will be published at Simla. After the 6th April, all Notifications and other matter intended for publication in those Parts, should be addressed to the Officiating Publisher at Simla.

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Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the date on which it is due.

Attention is invited to the Circula Memo. of the Government of India, Hom Department, of February, 1870, directin that all Notifications or other matter ir tended for insertion in the *Gazette of Ind* should be delivered at the Publisher Office not later than 2 P.M. on Frid afternoon, and that matter sent after th hour must be certified to be extreme urgent in order to ensure its appearance i the next day's Gazette.

Matter intended for publication in th Supplement should reach the Press nc later than Thursday.

E. J. DEAN,
Publisher, Gazette of India.

HIGH COURT—ORIGINAL SIDE

NOTIFICATION.

Calcutta, the 14th September, 1889.

The following Jury Rules were read an passed as the Rules and Orders of th High Court of Judicature at Fort Williar in Bengal and are now published.

By Order,
R. BELCHAMBERS,
Registrar.

THE JURY RULES, 1889.

Existing rules repealed.

I. All existing rules now in force in the Hig Court relating to the quali cation, summoning, empane ling, and serving of juro

are hereby rescinded, and the following rules are made in lieu thereof:—

Title of rules, and date of commencement.

II. These rules shall be called "The Jury Rules, 1889"; and shall take effect from the first day of November 1889.

Qualifications of Jurors.

III. Every male person between the ages of twenty-one and sixty, who is not the subject of any Foreign State, and who resides or personally works for gain within the local limits of the High Court in its Ordinary Original Criminal Jurisdiction, shall be qualified and liable, subject to the provisoes and conditions hereinafter contained, to serve as a juror at any Criminal Sittings of the High Court, other than sittings held under the provisions of Section 335 of the Criminal Procedure Code, 1882, and upon any inquest before the Coroner of Calcutta; provided he be the resident occupier of a house within the said local limits of the annual value of not less than four hundred rupees; or has property, or an interest in lands, tenements, or goods within the Province of Bengal of the value of not less than three thousand rupees; or is in receipt of an income of not less than one hundred rupees a month.

America is not "a Foreign State" within the meaning of this rule.

"Annual value" in this rule means annual value as defined by Section 122 of the Calcutta Municipal Consolidation Act, 1888.

Disqualification of Jurors.

IV. No person shall be eligible to serve as a juror as aforesaid, who holds any office in or under the High Court; or who receives any pay or emolument for any employment in any office or under any officer thereof; or for executing any duties of Police; or who is the subject of any Foreign State; or who is under the age of twenty-one years; or who having been convicted of a non-bailable offence under the Indian Penal Code, or of a similar offence in British India or elsewhere, shall not have obtained a free pardon in respect thereof, or have obtained a reversal of such conviction upon the merits; or who is a lunatic or an idiot; or who does not understand English when spoken.

Persons exempted from serving on Juries.

V. The following persons are exempted from liability to serve on Juries, and shall not be put upon the list of jurors, *viz.*:—

1. The Viceroy and Governor General of India.
2. The Lieutenant-Governor of Bengal.
3. The Members of the Council of the Governor General of India.
4. Judges.
5. The Members of the Council of the Governor General of India and of the Lieutenant-Governor of Bengal, respectively, for the purpose of making laws and regulations.
6. The Members of the Personal Staff of the Viceroy.
7. The Members of the Personal Staff of the Lieutenant-Governor of Bengal.
8. The Secretaries, Under-Secretaries, and Assistant Secretaries of the Governments of India and Bengal, respectively.
9. The Members and Secretaries of the Board of Revenue.
10. Officers of the Army, Navy, or Marine.
11. Advocates, Vakeels, and Attorneys of the High Court in actual practice, and Managing Clerks to Attorneys.
12. Clergymen of the Church of England and persons actually employed as ministers of any religious worship whatsoever, and not engaged in any secular employment, except that of teaching.
13. The Comptroller General of Accounts of the Government of India.
14. The Chairman, Vice-Chairman, Secretary and Health Officer of the Corporation of Calcutta.
15. The Commissioner and Deputy Commissioner of Police.
16. The Secretary and Treasurer and the Deputy Secretary of the Bank of Bengal.
17. The Mint Master.
18. The Collector of Customs, and all persons employed in the Customs Department.
19. The Director General of the Post Office, and all persons employed in the Post Office.
20. The Director General of Electric Telegraphs, and all persons employed in the Telegraph Department.
21. The Controller General of Military Expenditure.
22. The Inspector General of Jails, Lower Provinces.
23. The Surveyor General and Deputy Surveyor General.
24. The Administrator General.
25. The Principal Inspector General, Medical Department.
26. The Accountant General of Bengal.
27. Assistant Accountant General, Bengal, in charge of Presidency Payments.
28. The Inspector General of Ordnance and Magazines.
29. The Remembrancer of Legal Affairs.
30. The Director of Public Instruction.
31. All Magistrates and Deputy Magistrates receiving any pay or stipend from Government as such.
32. The Coroner.
33. Physicians, Surgeons, and Apothecaries duly admitted and actually practising as such.
34. Surgeons, Assistant Surgeons, Sub-Assistant Surgeons, Apothecaries, and Compounders in the Medical Service of the Government, or attached to any Hospital or Dispensary.
35. The Master Attendant, the Deputy Master Attendant, Harbour Masters, and all persons employed in the Pilot Service.
36. The Assay Master.
37. The Superintendent of Government Printing.
38. The Currency establishment.
39. All persons exempted from personal appearance in the High Court, under Section 641 of Act 14 of 1882, or any other similar enactment.
40. All domestic servants.
41. All persons who from mental or bodily infirmity shall be unfitted to serve on a Jury.
42. The Conservator of Forests, Bengal.
43. Inspector General of Registration, Bengal.
44. Inspectors of Registration.
45. District Registrar of Calcutta.
46. Inspector General of Police, Bengal.
47. Deputy Inspectors General of Police.
48. Protector of Emigrants.
49. Deputy Superintendent and Remembrancer of Legal Affairs.
50. Assistant Harbour Masters.
51. Engineers in charge of all vessels afloat.
52. Engineers in particular charge of the Workshops and Hydraulic Engine Rooms.
53. Crane Drivers.
54. Engineers in charge of the Hooghly Bridge.
55. Carpenters and Watchmen on duty on the Bridge.
56. Watchmen on duty on the Bridge.
57. Superintendent of Geological Survey of India.
58. Deputy Superintendent of Geological Survey of India.

59. Registrars in the Offices of the Secretaries to the Government of India in the Home, Foreign, Public Works, Revenue and Agricultural, and Legislative Departments, and in the Department of Finance and Commerce. The Chief Clerk in the Office of the Secretary to the Government of India in the Military Department. The Chief Accountant in the Office of the Accountant General, Military Department. The Registrar in the Office of Private Secretary to the Viceroy. The Registrars of the several departments of the Bengal Secretariat.

60. The Vice-Chairman of the Port Commissioners, and Secretary to the Port Commissioners.

61. The Agent, Reuter's Telegram Company, Ld.

62. Inspector of Schools, Presidency Circle.

63. Assistant Inspector of Schools, Presidency Division.

64. Kazi Syed Ahmed Khan Bahadoor, Attaché in the Foreign Department.

65. Inspector and the Assistant Inspector of European Schools, Bengal.

66. The Meteorological Reporter to the Government of Bengal and the Officer in charge of the Time Ball duties, Alipore.

Persons whose names are on the Jury list liable to serve subject to objection.

VI. Subject to the provisions hereinbefore contained, and subject to the right of objection contained in Section 278 of the Code of Criminal Procedure, 1882, any person whose name shall be on the Jury list then in force shall be qualified and liable to serve as a juror as aforesaid.

Lists of Special and Common Jurors to be summoned for each Session, when and by whom to be prepared, and number of names to be contained therein.

VII. On some day not less than six weeks before the commencement of each Session, one of the Judges of the High Court shall cause to be made out lists of the persons to be summoned as Special and Common Jurors, respectively, for such Session. The list of Special Jurors shall contain the names of forty, and the list of Common Jurors the names of eighty, persons of those respectively included in the list of Special and Common Jurors. The lists shall be respectively called 'The Special Jurors' List' and 'The Common Jurors' List' for the particular Session, designating it by the date on which it is to commence, and shall be prepared as follows:—

List of Special Jurors how prepared.

(1) The names of all persons, if any, ordered to be entered in the list of Special Jurors for such Session under Rules VIII, IX or XVI, shall be first entered in the said list, unless the Judge shall be satisfied as regards any one or more of such persons that he or they will be unable, from illness or other sufficient cause, to attend at such Session, in which case the name of such person may be set aside in the same manner as it might have been set aside under Rule VIII, if the name had been drawn by lot for such Session. The Judge shall then cause to be drawn by lot the names of such a number of persons qualified and liable to serve on Special Juries as, with those already on the list, will, subject to the provisions of these rules, make up the number of forty persons qualified and liable to serve on Special Juries, and the names of such forty persons shall be entered upon and form the list of Special Jurors liable to serve and to be summoned as Special Jurors for such Session.

List of Common Jurors how prepared.

(2) In like manner the names of all persons, if any, ordered to be entered in the Common Jurors' List for such Session under Rules VIII, XI or XVI, shall be first entered in the said list, unless the Judge shall be satisfied as regards any of them that such person will be unable, from illness or other sufficient cause, to attend at such Session, in which case the name of such person may be set aside in the same manner as it might have been set aside under Rule VIII, if his name had been drawn by lot for that Session. The Judge shall then cause to be drawn by lot the names of such a number of persons qualified and liable to serve on Common Juries as, with the names already on the list, will, subject to the provisions of these rules, make up the number of eighty persons qualified and liable to serve on Common Juries, and the names of such eighty persons shall be entered upon and form the list of Common Jurors liable to serve and to be summoned as Common Jurors for such Session.

Mode of proceeding to draw the names of the Special and Common Jurors to be summoned.

VIII. The mode of proceeding to draw the names of such Special and Common Jurors, respectively, shall be as follows:—

The names of all the Jurors in the list of Special and Common Jurors, respectively, prepared by the Clerk of the Crown, shall be numbered consecutively. The number attached in the list of Special Jurors to the name of each Juror liable to be summoned as a Special Juror for the Session for which the list of Special Jurors is to be prepared, shall be written on a bone or ivory counter, the several counters being all, as nearly as may be, of equal size and shape, and such counters shall be put together by the Clerk of the Crown into a box, and, on the day to be fixed for drawing the names of the Jurors, the Clerk of the Crown shall, in open Court, draw, or cause to be drawn, the said counters one after the other, until the requisite number of Special Jurors shall be obtained. The Juror on the Special Jurors' List, whose number on such list shall correspond with the number drawn, shall, subject to the provisions in these rules, be entered in the Special Jurors' List for the Session, and a number denoting the order in which the name of each Juror is so drawn shall be set against the name of such Juror in the Special Jury List for the Session.

A similar course *mutatis mutandis* shall be adopted in drawing the names of the Common Jurors.

Names of deceased persons or persons not liable to serve or excused from service, to be set aside.

The Judge may order the name of any person who has actually served as a Juror in the preceding year, and of any person known or believed to be dead, absent from Calcutta, or likely to be unable from illness or otherwise to attend, or known or believed not to be qualified or liable to serve as a Juror under these rules, to be set aside; and, in every such case, an additional name shall be drawn in lieu of that so set aside, and the Judge, if he think fit, may order the name of any person so set aside, except on account of death or disqualification, to be entered on the list of Special or Common Jurors, as the case may be, for any subsequent Session to be then fixed.

Names of persons excused from service to be entered in list for future service.

Order in which names to be arranged in lists with additions and places of abode.

IX. The names, additions and places of abode of the several persons included in such Special and Common Jurors' Lists for the Session, shall be written therein and numbered in the order in which they shall have been drawn, and such lists shall be signed by the Judge.

Copy of lists to be annexed to Precept to Sheriff to summon Special and Common Jurors in numerical order.

X. A copy of such lists shall be annexed to a Precept to the Sheriff, commanding him to summon the first thirty-five on the list of Special Jurors, and the first sixty-five on the list of Common Jurors, and, in case he shall not be able to summon the whole of the first thirty-five or sixty-five, as the case may be, then to summon as many as shall be necessary to make up the full number of thirty-five or sixty-five of those in numerical order in such lists respectively next after the first thirty-five or sixty-five.

Name of Juror excused attending at one Session, on condition of his serving at a subsequent Session, to be inserted in the list for such Session.

XI. Any person whose name is included in the Special or Common Jurors' list for any Session may apply to the Clerk of the Crown to cause him to be excused from attendance as a Juror, either generally or at the particular Session. Such application shall be made at least one week before the day fixed for the commencement of

the Session, and shall specify the grounds upon which the application is made. The Clerk of the Crown shall, as soon as possible after the last day allowed for making such application, bring them before one of the Judges of the Court, and such Judge shall pass orders thereupon, *which shall be communicated by the Clerk of the Crown to the respective applicants.* If the Judge shall think fit to excuse any of the applicants from attendance at the particular Session, he may do so unconditionally, or on condition of his serving at the next or some subsequent Session to be fixed, and any such conditional order shall operate as an authority to the Clerk of the Crown to include the name of such person in the list for such subsequent Session under the provisions of Rule VI.

Jurors to be summoned ten days before the first day of the Session.

XII. Every person named in the lists mentioned in Rule IX shall forthwith, or as soon as possible after the receipt of the Precept by the Sheriff, be summoned by him to attend at the Session for which he shall have been appointed to serve as a Juror, and such summons shall be served at least ten days before the first day of the Session.

Service of summons, or process.

XIII. A summons to a Juror who resides out of the limits of the Town of Calcutta, and to whom access at his office or place of business within such limits is denied to the Sheriff's Officer, as also all notices, orders, or other proceedings required to be served on him, shall, unless otherwise ordered, be addressed to him at his office or place of business aforesaid, or at his place of residence, and forwarded to him by post duly registered.

By post.

The transmission by post as aforesaid of every such summons, or notice, or of a copy, authenticated by the seal of the Court, of every such order or other proceeding, shall, unless good cause be shown to the contrary, be deemed sufficient service thereof.

Personally.

XIV. In all other cases every such summons, notice, order, or other proceeding, shall, unless otherwise ordered, be served on a Juror personally.

Sheriff to return Precept with two panels, one of Special Jurors, the other of common Jurors, showing in tabular form names and particulars of service, and accounting for non-service.

XV. The Sheriff shall, as soon as possible after service of the summons, and not later than one week before the commencement of the Session, return the Precept to the Clerk of the Crown, with two panels annexed thereto, one of the Special Jurors and one of the Common Jurors, which panels shall show in a tabular form the names of the persons summoned and the particulars of service upon each; and if any person or persons named in the lists annexed to the Precept shall not have been served, the panel shall state that fact, and the reason why such person or persons has or have not been summoned: and in every case the reason why such service has not been effected shall be verified by the affidavit of the Officer whose duty it was to effect such service, and such affidavit shall be filed with the Clerk of the Crown, with the return to the Precept.

Sheriff's return to be immediately laid before a Judge for orders.

XVI. On the receipt of such return, the Clerk of the Crown shall, without delay, bring the same before one of the Judges of the Court. The said Judge may, if necessary, examine the Sheriff's Officer or Officers as to the truth of such return, and as to the circumstances of the service or of the absence of service of any person, and may direct service to be made upon the person or persons not already served in such manner as to him shall seem fit. The *Judge, if he think fit, may cause the name of* any person returned by the Sheriff as not summoned to be entered on the list of Jurors, either Special or Common, as the case may be, for any subsequent Session to be fixed by the Judge.

If sufficient number of Jurors not served, further names of Jurors to be drawn by lot, as provided by Rule VIII.

XVII. If the Judge shall be of opinion that the number of Jurors named in either of the said lists who shall have been served is not likely to be sufficient, he may cause to be drawn by lot, in the mode provided by Rule VIII, such further number of names as may be requisite not exceeding forty and eighty, respectively.

Copy of Supplementary Lists to be annexed to additional Precept to Sheriff.

XVIII. Such lists shall be called the Supplemental Lists of Special or Common Jurors, as the case may be, and shall be prepared and signed in the manner hereinbefore provided with respect to the original lists, and copies thereof shall be sent to the Sheriff with an additional Precept, and the Sheriff shall, as soon as possible after the receipt of such additional Precept, cause the persons named therein to be summoned to attend at the Session, and shall return the Precept to the Court not later than one clear day before the first day of the Session, with a panel similar to that provided by Rule XV in respect of the original lists and Precept.

Sheriff's return.

Jury how to be drawn and empanelled.

XIX. In order to nominate a Jury for the trial of any prisoner or other person to be tried by Jury, the Clerk of the Crown shall cause to be put together into one box cards or pieces of parchment containing the names of all the persons summoned to serve on the Common Jury for the Session, if the trial is to take place before a Common Jury, or on the Special Jury, if the trial is to take place before a Special Jury, except such of the said persons as shall have been excused by the Judge from serving on that day in consequence of his having served as a Juror on the previous day, or for any other cause. Such cards or pieces of parchment shall be, as nearly as may be, of equal size, and each shall bear the name of one person summoned to serve on the Jury for that Session. The Clerk of the Crown shall then in open Court draw or cause to be drawn out of the said box nine of the said cards or pieces of parchment, one after another; and if any of the Jurors whose name shall be so drawn shall not appear, then such further number shall be drawn until nine Jurors shall appear. The prisoner or person to be tried shall be informed that, if he desires to object to any Juror, he must make his objection before the Juror is sworn. The names of the Juror shall then be called aloud; and if, upon any challenge or objection either by the Government or the party to be tried, or for any other lawful cause, any Juror is not allowed to serve, or is exempted from serving, the Clerk of the Crown shall draw out another card or piece of parchment from the said box, and so on, until nine Jurors shall have been drawn who shall be allowed to serve.

XX. If, by reason of absence, or disallowance on challenge, or any other cause, there be a deficiency of Jurors, the Court may command the Sheriff, or other Officer, to name or summon a sufficient number of persons to make up a full Jury; and the Sheriff, or other Officer shall, at such command of the Court, return such men duly qualified to serve as shall be then present, or can be found to serve on such Jury, and the course of proceeding shall be the same as if their names had been returned in the panel and drawn by ballot under Rule XIX; provided that, in case of a Special Jury, the additional Jurors may be taken from the list of Common Jurors summoned to serve at the same Session if a sufficient number of Jurors qualified to serve as Special Jurors shall not be present in Court.

Proceedings in case of deficient Jurors.

XXI. After each Session the Clerk of the Crown shall make an entry in the list of Jurors opposite the names of those who shall have served at such Session or shall have been summoned to serve at such Session and shall not have made default, together with the date of service, or of the Session for which he shall have been summoned to serve.

After every Session entry to be made against the name of each non-defaulting Juror.

XXII. No person shall be summoned to serve upon any inquest before a Coroner unless he is on the Common Jury List, nor, except in the case of necessity, within the period of twelve months after he shall have served on a Coroner's inquest or shall have been summoned to serve on a Coroner's inquest, and shall not have made default. The Coroner shall keep a copy of the Common Jury List, and shall enter therein the names of the persons who shall have served or been summoned to serve and not made default, and the date of the inquest at which such Juror shall have served or for which he shall have been summoned to serve.

Only persons on Common Jury List eligible to serve on Coroner's inquest, and except in case of necessity, no Juror to be summoned again within twelve months.

W. COMER PETHERAM.
H. T. PRINSEP.
L. R. TOTTENHAM.
JOHN F. NORRIS.
JONES Q. PIGOT.
CHUNDER MADHUB GHOSE.
H. BEVERLEY.
GOOROODAS BANERJEE.
R. F. RAMPINI.
C. H. HILL.
H. W. GORDON.

COMPTROLLER GENERAL'S OFFICE.

THE TREASURY.

NOTICE.

Calcutta, the 16th September, 1889.

Notice is hereby given that the Public Debt Office and the Government Savings Bank at the Bank of Bengal will be closed from the 30th September to the 10th October, both days inclusive, but the Bank of Bengal will receive and pay money on Government account on all days on which the Bank is open for business.

The Paper Currency Office will also be open to the Public for exchange of notes and coin up to 1 o'clock P.M. on the 30th September, 8th and following days in October.

E. T. ATKINSON,
Offg. Comptroller General.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The undermentioned Student has passed the B.A. Examination in addition to those notified before :—

Chandicharan, Mitra . . . . City College.

F. J. ROWE,
Offg. Registrar.

SENATE HOUSE,
The 19th September, 1889.

ORDERS BY THE VICE-CHANCELLOR AND SYNDICATE OF THE CALCUTTA UNIVERSITY.

The following Orders and Genera have been appointed for the B. A. Examination in Zoology of 1890 :—

(1) The Genera of the Vertebrate Order—*Proboscidea.*

(2) The Genera of the Invertebrate Order—*Stomatopoda.*

(3) The Indian Genera of the Reptiltan Order—*Crocodilia.*

(4) The Indian Genera of the Avian Order—*Raptores.*

F. J. ROWE,
Offg. Registrar.

SENATE HOUSE,
The 20th September, 1889.

AGENT TO THE GOVERNOR-GENERAL, RAJPUTANA.

NOTIFICATIONS.

Abu, the 10th September, 1889.

No. 3674-G.—With reference to Foreign Department Notification, No. 1510-G., dated 23rd August, 1889, Mr. A. H. T. Martindale took over charge of the Office of Political Superintendent, Jhallawar, on the forenoon of the 31st idem.

No. 3677-G.—Lieutenant-Colonel H. B. Abbott, Bo. S.C., and Political Superintendent, Jhallawar, availed himself, on the forenoon of the 26th August, 1889, of the privilege leave granted him in this Office Notification, No. 3088-G., dated 7th idem.

The 13th September, 1889.

No. 3721-G.—Major E. A. Fraser, M.S.C., 1st Assistant to the Agent to the Governor-General in Rajputana, availed himself, on the afternoon of the 4th September, 1889, of the privilege leave granted to him in this Office

Notification, No. 3376-G., dated the 24th August, 1889, making over charge of his duties to Lieutenant K. D. Erskine, Assistant to the Governor-General's Agent and to the General Superintendent of Operations for the Suppression of Thagi and Dacoity in Rajputana.

No. 3723-G.—With reference to Foreign Department Notification, No. 1577-G., dated the 5th September, 1889, Lieutenant K. D. Erskine made over, and Lieutenant G. F. Chenevix-Trench received, charge of the Offices of Assistant to the Governor-General's Agent and to the General Superintendent of Operations for the Suppression of Thagi and Dacoity in Rajputana, on the afternoon of the 5th idem.

With effect from the same date, Lieutenant Erskine is taken on the staff of Assistants to the Agent to the Governor-General at Head Quarters.

By Order,

K. D. ERSKINE, *Lieut.*,
First Asst. Agent to the Govr.-Genl., Rajputana.

CHIEF COMMISSIONER OF AJMERE-MERWARA.

NOTIFICATIONS.

Abu, the 16th July, 1889.

No. 735.—In exercise of the power conferred by clause (*d*) of section 40 of the Ajmere Laws Regulation, III of 1877, the Chief Commissioner has, with the previous sanction of the Governor-General in Council, made the following rules for the appointment, punishment, suspension and dismissal of ministerial officers in the Ajmere Commission.

1. All appointments, transfers and promotions in the superior service in the Departments marginally noted, shall be made by the Commissioner, who shall also regulate all transfers not provided for in these rules, and, as District Judge, shall control the process-serving establishment.

1. Revenue Department.
2. Judicial Department.
3. Educational Establishment (clerical establishment at head-quarters).
4. Sub-Registrar of Assurances.

2. The Assistant Commissioner of Ajmere shall control in all respects, subject to appeal to the Commissioner, appointments in the Excise and Registration Departments, but no order of appointment or of punishment by fine, suspension, degradation or dismissal in the case of officials whose monthly salary is ₹50 or more, shall take effect without the previous confirmation of the Commissioner.

3. The Assistant Commissioners of Ajmere and Merwara many, within their respective districts, fill up vacancies or order transfers among the teaching staff of the district schools and other inferior officials of the Educational Department, on the recommendation of the Inspector of Schools.

4. Heads of offices and presiding officers of Subordinate Courts may fill up vacancies in the menial staff placed under their control, whether belonging to the process establishment or otherwise: Provided that all orders passed under this rule by the Deputy Magistrate, Kekri, or a Tahsildar, or a Second Class Subordinate Judge (other than the Cantonment Magistrate of Deoli), or a Munsiff, shall be subject to the confirmation of the Assistant Commissioner, who shall have power to order transfers in the case of menials other than those belonging to the process establishment, except from or to the Courts of Small Causes or of First Class Subordinate Judges or of Cantonment Magistrates.

5. The authorities competent to fill up an appointment shall have power to fine, degrade, suspend or dismiss any incumbent subject to the like sanction or recommendation under which the power of making the appointment is exerciseable under these rules, and subject also to an appeal to the Commissioner, whose order shall be final: Provided that the Assistant Commissioners of Ajmere and Merwara, the Subordinate Judges of the first class, and the Cantonment Magistrates of Nasirabad and Deoli, and, subject to confirmation by the Court to which appeals from their decrees or orders ordinarily lie, the Courts of lower grades, including Honorary Magistrates, may, subject to appeal to higher authority, fine or suspend officials in the Revenue or Judicial branches acting directly under their orders and drawing pay not exceeding ₹80 per mensem.

NOTE.—For the purposes of these rules, the District Record Office and the Treasury establishment shall be held to be acting directly under the orders of the Assistant Commissioner of Ajmere.

6. The Commissioner may, of his own motion or on appeal, revise or modify any order passed by any Court or office subordinate to him.

7. All orders passed under these rules shall be reported to the Commissioner for his information at the end of each month.

Supplementary Rules for the Revenue Department.

I.—In these rules the word "Collector" shall have the same meaning as in the Ajmere Land and Revenue Regulation, II of 1877.

II.—Appointments, transfers and dismissals of officials of the grade of Supervisor shall be made by the Commissioner, and of officials below that grade by the Collector, whose order shall be subject to appeal to the Commissioner.

III.—In the case of hereditary Supervisors, on the occurrence of a vacancy, the heir of the last incumbent shall, if qualified in manner hereinafter provided, succeed. Hereditary succession shall be confined to sons, grandsons, brothers' sons and first cousins on the male side.

IV.—In default of a qualified heir, the appointment shall be filled up as an ordinary vacancy.

V.—No fresh hereditary rights not now existing shall be allowed to grow up.

VI.—In filling up vacancies among non-hereditary Supervisors, the candidate who is considered best qualified under these rules shall be appointed, preference being given to qualified Patwaris.

VII.—All candidates for Supervisorships must have received a good general education and bear a good character. They should also be of a respectable family and physically fit for the performance of their duties.

VIII.—Either before their nomination or within three months of the same, all candidates, whether hereditary or otherwise, must pass an examination in the following subjects:—

(a) Hindi—reading and writing.

(b) Urdu—reading and writing.

(c) Arithmetic.

(d) English figures.

(e) Plane-table survey and computation of areas.

(f) General Revenue Law.

(g) Revenue Rules, with special reference to the Patwaris and Supervisors.

IX.—No person shall be appointed to a Supervisorship, whether hereditary or otherwise, until after the expiry of one year of probation. In all cases the last appointed person shall come in at the bottom of the list in the lowest grade of Supervisorship.

X.—Every person failing to pass the prescribed examination shall, except for special reasons to be recorded, be removed by the Commissioner.

XI.—No minor shall under any circumstances be appointed to any Supervisorship.

XII.—The Collector may, on good cause shown, fine any Supervisor a sum not exceeding one month's pay, or may suspend him for a period of three months.

XIII.—The appointment of Patwari is not strictly hereditary, but the heir of a deceased Patwari, if qualified, and if the zamindars of the circle consent to his appointment, shall have the preference.

XIV.—When a Patwari has been dismissed for any fault, his heir shall have no preferential claim, but the appointment shall be made with the consent of the zamindars of the circle. Should they nominate the heir of the dismissed Patwari, the Collector shall have the power, on grounds to be recorded by him, of vetoing the nomination.

XV.—In case of a dispute as to the nomination of a person for a Patwari's appointment, that person shall be considered to be nominated by the circle who is supported by the votes of the zamindars paying the largest aggregate amount of Government revenue. Failing any nomination within a reasonable time and after reasonable warning, the Collector shall himself nominate a Patwari to the vacant circle.

XVI.—Subject to the above limitations, the nominee of the zamindars of the circle shall, if qualified, be appointed to the post of Patwari.

XVII.—No man shall be permanently appointed as Patwari who has not passed an examination in—

(a) Reading and writing Hindi;

(b) Arithmetic up to the rule-of-three;

(c) Surveying by plane-table;

(d) Patwaris' rules.

XVIII.—Examinations shall be held once in six months before a board of examiners. To these examinations shall be admitted—

(a) persons nominated for the post of Patwari or Naib Patwari;

(b) candidates who may be either members of the families of any existing Patwari or outsiders: Provided that, with respect to these last, if the candidate do not receive an appointment within two years after passing the examination, that examination shall be considered cancelled.

XIX.—The board of examiners shall be nominated by the Collector, and shall, as a rule, consist of an officer not below the rank of Extra Assistant Commissioner or Deputy Magistrate as president, and a Tahsildar, a Supervisor, and a qualified member of the Educational Department as members.

XX.—The Collector may, on good cause shown, suspend any Patwari or Naib Patwari for any period not exceeding six months, or fine him a sum not exceeding one month's pay.

The 11th September, 1889.

No. 982—328-*VII*.—With reference to Foreign Department Notification, No. 1586-G, dated 5th September, 1889, Captain A. F. De Laessoe, C.M.G., C.I.E., is invested, under Section 12 of Act X of 1882 (Criminal Procedure Code), from date of assuming charge of the Office of Assistant Commissioner, Ajmere, with the powers of a Magistrate of the 1st class, to be exercised within the Ajmere District.

No. 985—328-*VII*.—Under Section 39 of the Ajmere Courts Regulation, 1877, Captain A. F. De Laessoe, C.M.G., C.I.E., Assistant Commissioner and District Magistrate, Ajmere, is appointed to act as District Magistrate of Merwara, during such time as Rae Bahadur Bishen Sarup holds charge of the current duties of the Office of Assistant Commissioner, Merwara, or until further orders.

No. 988—328-*V*.—With reference to Foreign Department Notification, No. 1586-G., dated 5th September, 1889, the Chief Commissioner, Ajmere-Merwara, in exercise of the authority vested in him by Section 12, Act X of 1882 (Criminal Procedure Code), is pleased to appoint Rae Bahadur Bishen Sarup to be a Magistrate of the 1st class in the Merwara District, during such time as he holds charge of the current duties of the Office of Assistant Commissioner of that district, or until further orders.

No. 991—329.—With reference to this Office Notification, No. 988—328-V., dated 11th September, 1889, Munshi Allanoor Khan, Naib Tehsildar of Beawar, is appointed to officiate as Deputy Magistrate, Kekri, with effect from the date of assuming charge.

With effect from the same date, the Chief Commissioner of Ajmere-Merwara is pleased to appoint Munshi Allanoor Khan to be a Magistrate of the 2nd class within the Ajmere District, and to specially empower him, under Section 32 of Act X of 1882 (Criminal Procedure Code), to pass sentences of whipping.

The 16th September, 1889.

No. 1009.—With reference to Foreign Department Notification, No. 1586-G., dated the 5th September, 1889, Rae Bahadur Munshi Bishen Sarup took over charge of the current duties of the Office of Assistant Commissioner, Merwara from Captain A. F. De Laessoe, C.M.G., C.I.E., on the forenoon of the 6th idem.

No. 1014.—With reference to Foreign Department Notification, No. 1586-G., dated the 5th September, 1889, Captain A. F. De Laessoe, C.M.G., C.I.E., took over charge of the Office of Assistant Commissioner, Ajmere, from Captain C. Herbert, on the forenoon of the 7th idem.

No. 1015.—In exercise of the powers conferred by Section 3 (7) of the Indian Stamp Act, 1879, the Chief Commissioner of Ajmere-Merwara, is pleased to appoint the Commissioner of Ajmere-Merwara Chief Controlling Revenue Authority for the purposes of the said Act.

By Order,

K. D. ERSKINE, *Lieut.*,
First Asst. to the Govr.-Genl.'s Agent, Rajputana, & Chief Commr., Ajmere-Merwara.

NORTHERN INDIA SALT REVENUE DEPARTMENT.

NOTIFICATION.

Simla, the 16th September, 1889.

No. 293.—Mr. A. R. Shaw, Assistant Commissioner, Didwana Division, is granted twenty-eight days' privilege leave under Article 283, Section II, Chapter XII, of the Civil Service Regulations.

A. B. PATTERSON,
Offg. Commissioner, N. I. Salt Revenue.

MILITARY WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 10th September, 1889.

No. 21.—The promotions of Lieutenant A. L. Swainson, R.E., to Assistant Engineer, 1st grade, sub. *pro tempore*, and of Lieutenant C. R. Stevens, R.E., to Assistant Engineer, 2nd grade, sub. *pro tempore*, with effect from 7th May, 1889, notified in Inspector General's Notification, No. 19 A., dated 14th August, 1889, are hereby antedated to 16th February, 1889.

No. 22.—The following sub. *pro tempore* promotions are made in the Engineer Establishment, with effect from the 7th May, 1889:—

Name.	From	To
Rimington, Lieutenant J. C., R.E.	Assistant Engineer, II grade.	Assistant Engineer, I grade.
Moore, Lieutenant T. B., R.E.	Assistant Engineer, II grade, temporary.	Assistant Engineer, II grade.

G. E. SANFORD, *Colonel*,
Inspector General, Military Works.

NORTH WESTERN RAILWAY.

NOTIFICATION.

Lahore, the 14th September, 1889.

No. 14.—Mr. D. Morris, Executive Engineer, 2nd grade, sub. *pro tem.*, is granted under Article 371 of the Civil Service Regulations, furlough for six months, with effect from 15th October, 1889, or such subsequent date as he may be permitted to avail himself of it.

W. A. J. WALLACE, *Colonel*,
Director, N. W. Railway.

Statement of Silver Balance in the Calcutta Mint for the week ending 18th September, 1889.

	R	R
Value of silver held in the Mint on account of the Currency Department on the evening of the 11th September, 1889 . .	7,59 476	
Value of Government silver in the Mint on the same date . .	3,19,944	
		10,79,420
ADD—		
Silver received by the Mint during the week on account of the Currency Department	162	
Ditto ditto Government	12,552	
		12,714
		10,92,134
DEDUCT—		
New coin paid to Reserve Treasury during the week	...	
Petty items issued for miscellaneous purposes . . .	2,067	
		2,067
Balance on the evening of the 18th September, 1889 . .		10,90,067
The Balance comprises—		
Silver held on account of the Currency Department .	7,59 638	
Ditto ditto Government	3,30,429	
		10,90,067
There is in addition awaiting assay—		
Bullion belonging to Private Individuals . . .	...	
Ditto ditto Government	...	
		...

A. W. BAIRD, *Lieut.-Colonel, R.E.*,
Master of the Mint.

CALCUTTA MINT,
The 19th September, 1889.

CURRENCY NOTES.

The following Currency Notes are stated to have been lost, and payment of their value have been claimed by the persons whose names are placed against the numbers; any other persons claiming a right to them, are warned to communicate at once with the undersigned:—

Lahore Circle.

NOTE WHOLLY LOST OR DESTROYED.

Regr. No. 1888-89.	No. of Note.	Value. R	Name of Claimant.
W36	E 32—18986	100	Lala Peya Mal, through Lala Prub Dial, Clerk, Accountant General's Office, Lahore.

M. A. N. HYDARI,
Currency Officer.

LAHORE,
The 18th September, 1889.

of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 15th September, 1889.

PARTICULARS.	3½ per cent. Transfer Loan of 1853-54.	4 per cent. Loans							4½ per cent. Loans				Transfer Loan of 1879, Seven Shillings per cent. Portion.	5 per cent. Loan of 1836-37.	GRAND TOTAL.
		Of 1829-33.	Of 1835-36.	Of 1842-43.	Of 1854-55.	Transfer of 1865.	Reduced 4 per cent. Loan of 1879.	TOTAL.	Of 1870.	Of 1878.	Transfer Loan of 1879, 4½ per cent. Portion.	TOTAL.			
Balance of 31st August, 1889 .	54,700	11,29,387	26,66,500	2,43,28,500	94,06,900	4,10,33,900	2,11,25,100	9,96,90,287	55,700	73,21,000	11,02,17,700	11,75,94,400	1,33,800	32,200	21,75,05,387
Amount of 4½ per cent., 1878, notes transferred to 4½ per cent., 1879, Stock in London .	...	...	...	...	...	...	...	...	...	...	2,14,500	2,14,500	...	...	2,14,500
Add—															
Amount enfaced at Madras between 1st and 15th September, 1889 .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amount enfaced at Bombay between 1st and 15th September, 1889 . .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amount enfaced at Calcutta between 1st and 15th September, 1889 . .	...	...	1,000	99,400	26,500	45,900	5,000	1,77,800	...	...	2,01,000	2,01,000	...	...	3,78,800
	54,700	11,29,387	26,67,500	2,44,27,900	94,33,400	4,10,79,800	2,11,30,100	9,98,68,087	55,700	73,21,000	11,06,33,200	11,80,09,900	1,33,800	32,200	21,80,98,687
Deduct—															
Amount written off in the London Registers . .	...	...	7,500	1,65,900	36,000	2,32,400	1,78,700	6,20,500	...	2,20,500	2,57,000	4,77,500	...	...	10,98,000
Balance on 15th September, 1889	54,700	11,29,387	26,60,000	2,42,62,000	93,97,400	4,08,47,400	2,09,51,400	9,92,47,587	55,700	71,00,500	11,03,76,200	11,75,32,400	1,33,800	32,200	21,70,00,687

NOTE.—From 9th June, 1867, to 15th July, 1889, enfaced from India 6,073 lakhs, re-transferred from London 5,267 lakhs.

"	16th July, 1889, to 31st	"	"	"	7 "	"	"	4 "
"	1st Aug. " to 15th Aug.	"	"	"	9 "	"	"	8 "
"	16th " " to 31st "	"	"	"	13 "	"	"	7 "
"	1st Sept. " to 15th Sept.	"	"	"	4 "	"	"	8 "
					6,106 lakhs.			5,294 lakhs.
					5,294 "			
Balance against India					. 812 lakhs.			

PUBLIC DEBT OFFICE,
BANK OF BENGAL,

W. D. CRUICKSHANK,
Secretary to Treasury.

Statement of the Affairs of the Bank of Bengal for the week ending 17th September, 1889.

LIABILITIES	R	a.	p.	R	a.	p.
Capital paid up				2,00,00,000	0	0
Reserve Fund				58,00,000	0	0
Public Deposits at Head Office	1,05,59,934	2	5	2,70,85,692	10	11
Public Deposits at Branches	1,65,25,758	8	6			
Other Deposits at Head Office and Branches				3,24,04,641	7	8
Bank Post Bills, &c.				3,74,510	6	5
Sundries				11,25,323	12	6
RUPEES				8,67,90,168	5	6

ASSETS.	R	a.	p.	R	a.	p.
Government Securities				32,49,368	0	0
Other authorised Investments				83,22,611	15	0
Loans on Government and other authorised Securities				1,12,36,677	5	7
Accounts of Credit on Government and other authorised Securities				88,38,472	11	4
Bills discounted and purchased				2,46,47,732	15	1
Balances with other Banks				11,79,478	2	6
Bullion				14,082	11	2
Dead Stock				12,40,923	9	3
Stamps				9,543	1	0
Sundries				1,93,740	9	10
				5,89,32,631	0	9
Cash and Currency Notes at Head Office	1,02,11,311	2	9	2,78,57,537	4	5
Cash and Currency Notes at Branches	1,76,46,226	2	0			
RUPEES				8,67,90,168	5	6

BANK OF BENGAL.
Calcutta, the 19th September, 1889.

R. L. BISS.
Chief Accountant.

By Order of the Directors,
W. D. CRUICKSHANK,
Secretary & Treasurer.

Rate for Demand Loans 5 per cent.
Percentage 45·6.

TREASURE TROVE.

NOTICE.

It is hereby notified, under Section 5 of the Indian Treasure Trove Act, VI of 1878, that the treasure described below and valued at R177-14, was found on the 14th June, 1889, by one Chirravuru Subba Rao Baruva, while he was digging out the silt in the tank named Sri Jagannaikube in Baruva village in the Ganjam District :—

Description of property.	Weight.		Rate per Tolah.	Value.		
	Tolahs.	Chinams	R	R	a.	p.
2 Small gold plates with pictures of Lakshminarayanam	1	14	18	26	8	0
2 Small gold pustilu	...	22½	18	13	8	0
2 Delhi mohurs	2	1	21	42	11	0
7 Indra kasulu	2	5	21	45	0	0
21 Gold beads	2	22½	18	49	8	0
1 Gold koliki pusa	...	1½	16	0	10	0
				177	13	0
13 Old pogadalu and one stone bead	...	...	...	0	1	0
				177	14	0

All persons claiming the said treasure or part thereof, are hereby required to appear personally or by agent before the Collector of Ganjam, at his office, on the 6th January, 1890, in order to the matter being enquired into and determined according to the provisions of the said Act.

LEWIS WIGGENS,
Addl. Persl Asst. to Collector,
for *Collector of Ganjam.*

CHATRAPU,
The 30th August, 1889.

POST OFFICE.

NOTIFICATIONS.

Unclaimed Letters held in the Calcutta General Post Office on the 17th September, 1889.

Abisch, E. F.
Arr Loed, Karberg & Co.
Bryning, H. W.
Cohen, A. M.
Durling & Co.
Henke, C. & Co.
Hughes, Georgie.
Ohannessian, H. A.
Tytler, Stanley.
William, V. G. M.

Letters marked "Care of Post Office."

Allen, John.
Anderson, J. K.
Ballantine, Mrs. G. J.
Bather, H. R.
Bery, Adolph.
Bildt, Gillis.
Borooah, W.
Bradley, Walter.
Brown, J.
Carpencale, W. M.
Chamberlain, E.
Claudius, Mrs. R. B.
Cobb, Miss.
Cohn, Maritz.
Corfuld, Capt.
Courage, R.
Cowan, Mrs. S. M.
Crawford, Mrs. L.
Deyoete, Chas. S.
Dowie, J.
Duff, George.
Dutt, G.
Edwards, A. B.
Engineer-in-Chief, Bengal Central Railway.
Faintyley, E.
Fischer, T. & Co.
Freedman, J. J.
Gailkeera, E.
Garland, Capt. V. M.
Gibson, P.
Goldberry, M.
Herklotts, A.
Hooman, J. H.
Hunter, A. F.
Jackson, J.
James, Mr.
Jephson, L. M.
Johnson, Pte. W.
Joll, H.
Leblan, Geo.
Lennox, Mrs. E.
Lewis, A.
Madden, J. H.
Manassah, E. J.
Marlly, Chas. Homan.
Mitchel, Mrs. D.
Nicolaieff, Alex.
Oldham and Oldham.
O'Brien, W. W.
O'Shea, G.
Partridge, Guard.
Percy, W. H.
Pinto, Miss.
Poliscene, N.
Ramsden, Miss Kate
Raskovitch, Emma.
Rivas, D. F.
Sander, C. J.
Sanpin, E.
Scott, Mrs. J.
Smart, O. G.
Stewart, Hon. Mrs. Charles.
Smith, Crawford.
Smith, Mrs. A. M.
Taksier, David.
Talbot, H. B.
Vincent, J.
Wallace, Henry.
Walter, F.
Webber, M. F. V.
Wibrow, R. M.
Wood, E. F. B.
Zeigler, A.

Registered Letters.

Angelina Sander.
Egunton, C. A.
Fishlar, Mrs. A.
Madden, J. H.
Rubinsteen, Anna.

Unclaimed Letters held in the Barrackpore Post Office on the 16th September, 1889.

Burn, W. F. S.
Lavath, W. Thomas.
Lazarno, Mrs. M.
Lethorn, F. C.
Mangos, Mrs. A.
Seaman, Sur.-Major A. B.
Yule, Sergt.

E. HUTTON,
Presidency Postmaster, Calcutta.

The 21st September, 1889.

SEA AND FOREIGN MAILS.

Mails for	Date of closing at Calcutta.	Route by which despatched.
	1889.	
Egypt, Europe, America, Cape Colonies, through United Kingdom	24th Sept.	Per P. & O. Str. from Bombay.
Ditto (Book Post and Pattern Packets) . . .	23rd "	Ditto.
Ceylon, Straits Settlements, Netherlands India, Labuan, Bankok (Siam), Philippine Islands, China and Japan . . .	23rd "	Ditto.
Australia, New Zealand and Tasmania	23rd "	Ditto.
Madras, Pondicherry, Ceylon, Batavia, Singapore, and China.	29th "	Per French Str. *Tibre.*
Straits, China and Japan . .	23rd "	Per Steamer *Wingsang.*
Rangoon and Moulmein . .	24th "	Per Steamer *Madura.*
Ditto ditto . .	27th "	Per Steamer *Nowshera.*
Akyab, Kyaukpyu, and Rangoon	25th "	Per Steamer *Coconada.*
Port Blair	3rd Oct.	Per Steamer *Maharani.*

N.B.—The letter-box for Inland articles (including articles for Burma and Port Blair and for Ceylon by land route) will be cleared for the last time for articles without the late-fee at 7 P.M. precisely; after which hour Inland letters and papers, fully prepaid and bearing an extra postage stamp of half anna, will be received up to 7-30 P.M.

On the day of despatch of the Mail for Europe, the letter-box for Foreign articles will be cleared for the last time for articles without the late fee at 8-30 P.M., and late letters and papers will be received up to 9 P.M. On other days the letter-box for Foreign articles will be cleared for the last time for articles without the late-fee at 7 P.M., and foreign letters and papers fully prepaid bearing an extra stamp of 4 annas will be received up to 7-30 P.M. for despatch by any Foreign Mails despatched the same night.

E. HUTTON,

Presidency Postmaster, Calcutta.

GOVERNMENT CINCHONA FEBRIFUGE.

This preparation is an efficient substitute for quinine, and can be purchased by Government officers for public and charitable purposes, and by any one taking *twenty pounds* at a time, from the Superintendent, Botanical Garden, Calcutta, *for cash only*, at the following rates—per four-ounce tin, *R3-14;* per eight-ounce tin, *R7-4;* per pound tin, *R14.* The general public can be supplied by the Superintendent, Botanical Garden, *for cash only*, at the undernoted rates—per four-ounce tin, *R4-14;* per eight-ounce tin, *R9-4;* per pound tin, *R17-8.* This medicine is also sold by the principal European and Native druggists in Calcutta. Postage, four annas per four-ounce tin, eight annas per eight-ounce tin, and twelve annas per pound tin, in addition to the foregoing rates.

گورنمنٹ سنکونا فبري فيوج

يهه دوا كوئينائين كا عمدة بدل هى اور كلكته كے بوٹانكل گارڈن يعنے كمپني باغ كے سوپرنٹنڈنٹ صاحب سے هرايك ملازم سركاري واسطے سركاري كام اور خيرات كے اور جو كوئي ايك مشت بيس پونڈ خريد كرنے والا هو وه نقد خريد كرنے كي شرط پر نيچے كے لكهے هوئے بهاؤ سے خريد كرسكتا هى يعنے — چار اونس كے ڈبى كے تين روپى چودة آنے ; آٹهه اونس كے ڈبى كے سات روپى چار آنے ; ايك پونڈ كے ڈبى كے چودة روپى '

اور عوام الناس بوٹانكل گارڈن يعنے كمپني باغ كے سوپرنٹنڈنٹ صاحب سے بقيمت نقد نيچے كے لكهے هوئے بهاؤ سے خريد كرسكتے هيں يعنے — چار اونس ڈبى كے چار روپى چودة آنے ; آٹهه اونس كے ڈبى كے نو روپى چار آنے ; ايك پونڈ كے ڈبى كے سترا روپى آٹهه آنے '

يهه دوا كلكته كے بڑے بڑے ولايتي اور ديسي دوا خانونمين بكتي هى ماسواے قيمت مذكورة بالا كے محصول ڈاك چار اونس ڈبى كے چار آنے ; اور آٹهه اونس كے ڈبى كے آٹهه آنے : اور ايك پونڈ كے ڈبى كے بارة آنے '

METEOROLOGICAL PUBLICATIONS FOR SALE.

At the Meteorological Office, No. 5, Russell Street; also at Messrs. Thacker, Spink & Co., at the prices specified below :—

Report on the Meteorology of India in 1875, 4to, 89 pages text, 297 pages tables, 3 charts. R8.

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JOHN ELIOT,

Offg. Meteorological Reporter to the Government of India.

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PUBLISHED UNDER AUTHORITY.

he Indian Law Reports, published under the authority of the Governor-General in Council, appear in monthly parts, published as soon as possible after the first of each month, at Calcutta, Madras, Bombay, and Allahabad, and comprise four series,—one for the Calcutta High Court, a second for the Madras High Court, a third for the Bombay High Court, and a fourth for the Allahabad High Court. The cases heard by the Privy Council on appeal from each High Court are reported in the series for that High Court. Cases heard by the Privy Council on appeal from Provinces in India not subject to any High Court are reported in the Calcutta Series.

he Calcutta Series is distributed by the Bengal Secretariat, and the Madras, Bombay and Allahabad Series are distributed direct from Madras, Bombay, and Allahabad, respectively.

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Distribution Return of Officers and Subordinates employed on Local Works in Bengal. Corrected up to 1st July 1889. 2a. (½a.)

List of Officers of the Public Works Department, Bengal Corrected up to 1st July 1889. 6a. (1a. 6p.)

Memoranda on the System of Brick-making at Akra By A. G. BREMNER, Assistant Engineer. R3 (4a.)

Standard Dimensions for State Railways. 6a., *including packing and postage.*

Revised List of Ancient Monuments in Bengal. Stiff board, cloth back. R3-12 (5a.)

Schedule of contract rates for work of different kinds in the several Divisions in Bengal. Corrected up to 31st December 1888. R5 (6a.)

APPOINTMENT DEPARTMENT.

The Quarterly Civil List for Bengal, corrected up to 1st July 1889. R3 (4a.)

History of Services of Gazetted Officers. Corrected up to July 1888. R1-8 (3a.)

REVENUE.

Butwarra Manual, 1889. R1-8 (4a.)

Land Registration Manual, 1889. R1-8 (4a.)

Wards' Manual, 1888. R2 (4a.)

Cess Manual, 1888. R1-8 (4a.)

Record Manual, 1888. R12a. (1a. 6p.)

Mis. Vol. of Board's Rules, 1888. R2 (4a.)

Revenue Officers' Manual, 1888. R1 (3a.)

Certificate Procedure Manual, 1888. 8a. (1a. 6p.)

Waste Lands Manual, 1888. 12a. (2a.)

Settlement Manual, 1888. 8a. (2a.)

Rules under the Bengal Tenancy Act, in English. 2a. (½a.)

Ditto ditto in Bengali. 2a. (½a.)

Ditto ditto in Hindi. 2a. (½a.)

Official Report of the Calcutta International Exhibition, 1883-84. Vols. I and II.

In full vellum. R6-8 (R1-2.)
In full cloth. R5-12 (R1-2.)

Behar Peasant Life. *Illustrated.* By G. A. GRIERSON, Esq., B.C.S. R5 (8a.)

Rules for the Guidance of Officers in the administration of the Salt Department. R1-4 (3a.)

Board's Rules, or rules for the guidance of Officers engaged in the administration of the Revenue Department in the Lower Provinces of Bengal. Vols. I and II. R4 (5a.) and R3 (5a.) Interleaved copies. R5 (8a.) and R3-8 (8a.) respectively. Printed slips containing alterations and additions will be available to purchasers monthly at R2 per annum, including postage.

Bengali Translation of the Revised Salt Manual. 4a. (6p.)

Bengal Embankment Manual. R2. With Map. R3 (2a.)

Memorandum on the Revenue History of Chittagong. By H. J. S. COTTON, C.S. R2-4 (4a.)

A Revenue History of the Sunderbans. By F. E. PARGITER, C.S. R2-8 (3a.)

A Sketch of the Administration of the Hooghly District by Mr. G. TOYNBEE. R1-8 (3a.)

Rules for the grant of ordinary leases of arable lands 4a. (1a.)

Rules for the grant of leases of waste lands for tea cultivation. 4a. (1a.)

Instructions for the guidance of Magistrates and officers registering emigrants under the Indian Emigration Act XXI of 1883 in the Lower Provinces of Bengal. 8a. (2a.)

The Fauna of British India, Part I. R7-8 (3a.)

The Fauna will be complete in 7 Volumes. The price of each Volume is R7-8. The book will be sold as a complete work in 7 Volumes. Subscription in advance for the complete set must be paid before any volume is supplied.

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Rules relating to Colonial Emigration under the provisions of Act XXI of 1883. R1 (3a.)

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Vol.	V.	Hooghly.
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Vol.	XXV.	Chittagong District and Chittagong Hill Tracts.
Vol.	XXVI.	Patna.
Vol.	XXVII.	Gya.
Vol.	XXVIII.	Shahabad.
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The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, SEPTEMBER 21, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART III.

Advertisements and Notices by Private Individuals and Corporations.

UNCOVENANTED SERVICE FAMILY PENSION FUND OFFICE.

RESULT OF VOTES

On the proposal submitted in Circular No. 1, dated 1st March, 1889.

Subject.	Yes.	No.
Whether, under the circumstances stated in the Circular, Mrs. Berkeley shall be admitted to the pension of R40 a month applied for.	542	531

By order of the Directors,

W. H. RYLAND,
Secretary.

U. S. F. PENSION FUND OFFICE,
CALCUTTA,
The September, 1889.

PROMISSORY NOTES.

Lost.

The Government Promissory Note, No. 043931, of the 4 per cent. loan of 1842-43, for R2,000, originally standing in the name of Chhagun Koomari, the proprietress, by whom it was never endorsed to any other person. Payment of the above note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of a duplicate in favour of the proprietor.

CHHAGUN KOOMARI,
Jeypore, Rajputana.

Lost.

The Government Promissory Note, No. 000227, of the 4 per cent. loan of 1880, for R100, originally standing in the name of Salik Ram and last endorsed by Mr. E. Feronde, the proprietor, to Ajoodhiapershad, by whom it was never endorsed to any other person. Payment of the above note and the interest thereupon have been stopped at the Public Debt Office, Bank of Bengal, and application is about to be made for the issue of a duplicate in favour of the proprietor.

AJOODHIAPERSHAD,
Banker, Cawnpur.

CAWNPUR,
The 31st August, 1889.

The Gazette of India.

PUBLISHED BY AUTHORITY.

No. 39.} SIMLA, SATURDAY, SEPTEMBER 28, 1889.

☞ Separate paging is given to this Part in order that it may be filed as a separate compilation.

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PART II.—Notifications by High Court, Comptroller General, Administrator General, Paper Currency Department, Presidency Pay Master, Money Order Department, Mint Master, Secretary and Treasurer, Bank of Bengal, Superintendent of Government Printing, and other Government Officers; Postal, Telegraph, and Commissariat Notices.

PART III.—Advertisements and Notices by private individuals and Corporations.

PART IV.—Acts of the Governor-General's Council assented to by the Governor-General:—

Nothing for Publication.

PART V.—Bills introduced into the Council of the Governor-General of India for making Laws and Regulations, or Reports of Select Committees presented to the Council:—

Nothing for Publication.

PART VI.—Abstract of the Proceedings of the Council of the Governor-General of India, assembled for the purpose of making Laws and Regulations:—

Nothing for Publication.

SUPPLEMENT No. 39.

PART I.

Government of India Notifications, Appointments, Promotions, &c.

MILITARY SECRETARY'S OFFICE.

NOTIFICATION.

Simla, the 21st September, 1889.

His Excellency THE VICEROY will leave Simla on Tuesday, the 22nd October 1889.

His Excellency will visit Pinjore, Rawul Pindi, Kohat, Peshawar, Attock, Bannu, Gomal Pass, Dera Ismail Khan, Quetta and Lahore, and will arrive at Calcutta on or about Saturday, the 30th November 1889.

By Command,

WILLIAM BERESFORD, *Lieut.-Colonel,*

Military Secretary to the Viceroy.

HOME DEPARTMENT.

NOTIFICATIONS.

ESTABLISHMENTS.

Simla, the 26th September, 1889.

No. 585.—Mr. J. S. Porter has been permitted to resign Her Majesty's Bengal Civil Service, with effect from the 30th July 1889.

MEDICAL.

The 26th September, 1889.

No. 607.—The services of Surgeon C. N. Bensley, I.M.S., Bengal Establishment, are placed temporarily at the disposal of the Chief Commissioner of Burma.

ECCLESIASTICAL.

The 26th September, 1889.

No. 369.—The Reverend R. J. Langford, Junior Chaplain on the Bengal Ecclesiastical Establishment, to be a Senior Chaplain, with effect from the 22nd September 1889.

C. J. LYALL,

Offg. Secretary to the Government of India.

REVENUE AND AGRICULTURAL DEPARTMENT.

NOTIFICATIONS.

PATENTS.

Simla, the 14th September, 1889.

No. 1878-*P*.—Specifications of the undermentioned inventions have been filed, under the provisions of Act V. of 1888, in the Office of the Secretary to the Government of India in the Revenue and Agricultural Department. Copies have been sent to the Governments of Fort St. George and Bombay and the Chief Commissioner of Burma. A copy of every specification is open to public inspection at all reasonable hours at the Office of the Secretary to the Government of India in the Revenue and Agricultural Department at the Presidency, upon payment of a fee of one Rupee. A certified copy of any specification will be given to any person requiring the same on payment of the expense of copying.—

No. 53 *of* 1888.—Herbert Samuel Elworthy, Analytical Chemist, of "Rosa," in the North-West Provinces of India, for a novel method and application of centrifugal force or power for oxidizing or heating indigo liquor.

No. 54 *of* 1888.—Herbert Samuel Elworthy, Analytical Chemist, of "Rosa," in the North-West Provinces of India, for an improved light, portable or fixed carriage system by means of stationary wire, wire rope, hemp rope, or pipe.

No. 55 *of* 1888.—Herbert Samuel Elworthy, Analytical Chemist, of "Rosa," in the North-West Provinces of India, for a novel method and application of centrifugal force or power for cleansing and pressing indigo.

No. 66 *of* 1888.—Ambrose Shere Massey, Engineer, and partner in the Napier Works, Madras, for a pump bucket suitable for domestic or other purposes.

No. 159 *of* 1888.—John Vicars, Thomas Vicars, and John Vicars, the Younger, of Liverpool, in the County of Lancaster, England, for improvements in apparatus for feeding fuel to steam generator furnaces.

No. 70 *of* 1889.—John Rickie, District Locomotive Superintendent, Lahore, for a high pressure valve for compound engines to be called Rickie's improved valve for compound engines.

No. 81 *of* 1889.—Alfred Ashby Frederick Davis, Supervisor, in the Public Works Department of the Government of Bengal, and now residing at No. 46, Wellesley Street, in the City of Calcutta, and Henry Howard, Head Assistant in the Photographic Department of the Surveyor General's Office of the Government of India, and also of No. 46, Wellesley Street, in Calcutta, for an improved self-acting punka-pulling machine.

No. 96 *of* 1889.—James Jones Meldrum, Engineer, of 25, Cathedral Yard, Manchester, in the County of Lancaster, England, for improvements in and connected with apparatus for distributing air or gases to liquids.

No. 143 *of* 1889.—John French Golding, of Chicago, Illinois, United States of America, Journalist, for improvements in machines for the manufacture of metal lattice-work or trellis-work.

No. 168 *of* 1889.—William Alfred Gibbs, of Gibwell Park, Sewardstone, in the County of Essex, England, Gentleman, for improvements in or connected with furnaces and apparatus for the production of hot air and for drying coffee, withering and finishing tea, and for other drying purposes.

No. 176 *of* 1889.—John Joseph Lappin, Gentleman, of the City of Toronto, in the County of York, in the Province of Ontario, in the Dominion of Canada, for improvements in brake shoes for railway cars.

No. 180 *of* 1889.—T. C. W. Somerlatt, Superintendent, Commissioner in Sind's Printing Press, residing at No. 6, Victoria Road, Karachi, for the manufacture of matches (sulphur and safety) from materials other than wood.

No. 200 *of* 1889.—John Bourne, Civil Engineer, of 25, Warbeck Road, Shepherd's Bush, in the County of Middlesex, England, for an approved mode of and apparatus for obtaining motive force for use in fluid pressure engines.

No. 211 *of* 1889.—James Yate Johnson, of 47, Lincolns Inn Fields, in the County of Middlesex, England, Gentleman, for improvements in Graphophones or instruments for recording and reproducing speech and other sounds.

EMIGRATION.

The 27th September, 1889.

No. 154—15-9-*E*.—In exercise of the power conferred on him by section 102 of Act XXI. of 1883 (the Indian Emigration Act), as amended by Act XXI. of 1884 (an Act to repeal the Straits Settlements Emigration Act, 1877, and to amend the Indian Emigration Act, XXI, 1883), the Governor-General in Council is pleased to declare that on and from the date of this Notification a native of India who departs by sea out of British India under an agreement to labour for hire in the Protected Native States of Negri Sembilan and Pahang, adjoining the Straits Settlements, shall not be deemed to emigrate within the meaning of Act XXI. of 1883.

FORESTS.

The 27th September, 1889.

No. 1023-*F*.—The following transfer is made in the interests of the public service:

Mr. Hira Singh, Sub-Assistant Conservator of Forests, Punjab—to Ajmere.

E. C. BUCK,
Secretary to the Government of India.

FOREIGN DEPARTMENT.

NOTIFICATIONS.

Simla, the 23rd September, 1889.

No. 1694-*G*.—Lieutenant A. Poingdestre, Bengal Staff Corps, Wing Officer of the 40th Bengal Infantry, and Officiating Adjutant of the Malwa Bhil Corps, is confirmed in that appointment, with effect from the 7th July, 1889, *vice* Major E. D. F. Bignell, Bengal Staff Corps, who vacates, on promotion.

Major Bignell will continue to be borne on the rolls of the Malwa Bhil Corps as an attached officer until further orders.

No. 3755-*I*.—His Excellency the Viceroy and Governor-General is pleased to confer upon Raja Prabhu Narayan Singh Bahadur of Benares the title of Maharaja Bahadur as a personal distinction.

The 25th September, 1889.

No. 1708-*G*.—Surgeon E. Cretin, M.B., Indian Medical Service (Bengal), Medical Officer of the 1st Regiment, Bengal Infantry, is appointed to the medical charge of the Bundelkhand Political Agency, in addition to his other duties, with effect from the 1st September, 1889.

No. 1710-*G*.—The following appointments are made in the Central India Horse, with effect from the 13th June, 1889:

2nd Regiment.

Lieutenant *the Hon'ble* H. D. Napier, Bengal Staff Corps, Squadron Officer, to officiate as Squadron Commander, *vice* Captain A. G. A. Durand, on other duty.

Lieutenant C. V. F. Townshend, Madras Staff Corps, officiating Squadron Officer, to officiate as Squadron Commander, *vice* Lieutenant W. A. Watson, on furlough.

The 26th September, 1889.

No. 1725-*G*.—Lieutenant-Colonel C. Ransford, Bengal General List, Infantry, Wing Commander and Second-in-Command, officiated as Commandant of the Bhopal Battalion from the 17th March, to the 13th June, 1889, both days inclusive.

Captain E. S. Masters, Bengal Staff Corps, Wing Officer and Adjutant, and officiating Wing Commander and Second-in-Command, officiated as Commandant of the Bhopal Battalion from the 6th to the 16th March, 1889, both days inclusive. Captain Masters continued to officiate as Wing Commander and Second-in-Command, in addition to his own duties as Adjutant, from the 17th March, to 23rd April, 1889, both days inclusive; and as Wing Commander and Second-in-Command alone from the 24th April, to the 13th June, 1889, both days inclusive.

The 27th September, 1889.

No. 3814-*I*.—In exercise of the powers conferred by section 13 of the Births, Deaths and Marriages Registration Act, VI. of 1886, the Governor-General in Council is pleased to appoint the Reverend G. O. Newport of the London Mission to be a Registrar of Births and Deaths for the territories of Mysore, including the Civil and Military Station of Bangalore, in respect of the classes of persons indicated in section 11, sub-section (1), clause (*b*), of the said Act, whom he baptises or whose funeral ceremonies he performs.

H. M. DURAND,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE.

NOTIFICATIONS.

ACCOUNTS AND FINANCE.

Simla, the 21st September, 1889.

No. 4893.—*Monthly Preliminary Statement of Receipts and Payments at Civil Treasuries in India.*

August 1889. (Lakhs of Rupees.)

[For the explanation of these heads, see *Gazette of India*, dated 22nd December, 1883, Part I., page 497.]	In August.		To end of August.		Whole year.	
	1889-90.	1888-89.	1889-90.	1888-89.	Budget, 1889-90.	Actuals, Preliminary, 1888-89.
Civil Revenue.						
Land Revenue (including Land Revenue due to Irrigation)	52	51	7,99	7,73	24,02	23,67
Opium	77	76	3,71	3,52	8,26	8,56
Salt	46	40	3,35	3,11	8,03	7,67
Stamps	35	34	1,77	1,74	3,96	3,93
Excise	38	37	1,99	1,93	4,73	4,70
Provincial Rates	7	6	1,27	1,11	3,26	3,09
Customs	10	8	62	51	1,42	1,33
Assessed Taxes	16	17	62	64	1,40	1,40
Forest (Madras and Bombay only)	3	3	13	13	45	43
Registration	3	3	16	15	33	33
Tributes from Native States	3	3	22	21	78	75
Other Civil Revenue	31	32	1,39	1,31	3,38	3,16
TOTAL CIVIL REVENUE DIRECTLY BROUGHT TO ACCOUNT: GROSS	3,21	3,10	23,22	22,09	60,02	59,02
Civil Expenditure.						
Interest on Ordinary Debt and that on Railways and Irrigation Works	— 51	— 53	— 1,83	— 1,75	— 4,18	— 4,09
Opium	— 28	— 28	— 1,08	— 1,96	— 2,36	— 2,60
Other Civil Expenditure	— 1,65	— 1,65	— 8,78	— 8,61	— 22,95	— 21,82
TOTAL CIVIL EXPENDITURE DIRECTLY BROUGHT TO ACCOUNT: GROSS	— 2,44	— 2,46	— 11,69	— 12,32	— 29,49	— 28,51
Receipts into Civil Treasuries from, and issues from those Treasuries to, the following Non-Civil Departments.						
[The figures comprising Revenue, Expenditure, and Debt and Remittance Transactions.]						
Post Office (Net: + Receipts more, — Receipts less, than Issues)	+ 2	+ 14	+ 8	+ 60	+ 79	+ 84
Forest, Marine (Net as above)	+ 1	+ 1	+ 3	+ 1	+ 6	+ 15
Guaranteed and Subsidized Railways (Net as above)	+ 19	+ 23	+ 1,84	+ 2,08	+ 4,25	+ 4,35
Do. Repayment of Surplus Profits, &c.	...	...	— 1	— 1	— 61	— 58
Military Receipts	+ 3	+ 5	+ 22	+ 27	+ 87	+ 78
Do. Issues	— 1,03	— 1,07	— 5,55	— 5,71	— 14,67	— 14,24
Telegraph Receipts	+ 5	+ 5	+ 23	+ 23	— 4	— 1
Do. Issues	— 5	— 5	— 25	— 25		
Public Works Department—						
State Railways Receipts	+ 62	+ 46	+ 3,41	+ 2,89	+ 27	+ 7,90
" " Issues	— 59	— 64	— 3,37	— 3,42		— 8,34
East Indian Railway Receipts	+ 25	+ 24	+ 1,68	+ 1,59	+ 2,73	+ 3,87
" " " Issues	— 9	— 10	— 62	— 62		— 1,44
Ordinary Branches Receipts	+ 17	+ 15	+ 84	+ 77	— 5,38	+ 1,97
" " Issues	— 50	— 54	— 2,87	— 2,89		— 7,37
TOTAL NON-CIVIL DEPARTMENTS	— 92	— 1,07	— 4,34	— 4,46	— 11,73	— 12,12
Civil Debt and Remittance Transactions.						
Permanent Debt and Special Loans (Net: + Receipts more, — Receipts less, than Payments)	+ 1,92	+ 12	+ 1,88	+ 2,99	+ 2,42	+ 2,80
Mint Certificates and Bullion Advances (Net as above)	+ 11	— 23	— 14	— 15	+ 8	+ 17
Exchange on Remittance Accounts	— 59	— 31	— 3,20	— 2,50	— 6,37	— 6,28
Council Bills paid (including Telegraphic) at R 10 per £	— 98	— 1,02	— 6,19	— 6,09	— 14,69	— 15,38
Other Debt Heads (Net as above)	— 20	— 26	— 3	— 16	— 59	— 28
TOTAL DEBT AND REMITTANCE TRANSACTIONS	+ 26	— 1,70	— 7,68	— 5,91	— 19,15	— 18,97
GRAND TOTAL RECEIPTS AND ISSUES	+ 11	— 2,13	— 49	— 60	— 35	— 58
Opening Cash Balance in Treasuries and Presidency Banks	12,70	15,41	13,30	13,88	12,90	13,88
Closing Cash Balance in Treasuries and Presidency Banks	12,81	13,28	12,81	13,28	12,55	13,30

LEAVE AND APPOINTMENTS.

The 25th September, 1889.

No. 4925.—Surgeon F. F. MacCartie, M.B. (Bombay Establishment), is appointed a Probationer in the Assay Department, Bombay Mint, with effect from the date of his return from leave.

STATISTICS AND COMMERCE.

COMMERCE AND TRADE.

Merchant Shipping.

The 27th September, 1889.

No. 4970.—The Governor-General in Council directs the publication of the following Order issued by Her Majesty the Queen in Council revoking the Order in Council of the 26th June 1873 published with the Notification in the Department of Revenue, Agriculture and Commerce, No. 388, dated the 4th December 1875, in respect of the measurement of the tonnage of vessels belonging to the German Empire:

AT THE COURT AT OSBORNE HOUSE, ISLE OF WIGHT,

The 23rd day of July, 1889.

PRESENT:

The Queen's Most Excellent Majesty in Council.

Whereas by the Merchant Shipping Act Amendment Act, 1862, it is enacted that whenever it is made to appear to Her Majesty that the Rules concerning the measurement of tonnage of Merchant Ships for the time being in force under the principal Act have been adopted by the Government of any foreign country, and are in force in that country, it shall be lawful for Her Majesty by Order in Council to direct that the Ships of such foreign country shall be deemed to be of the tonnage denoted in their Certificates of Registry or other national papers, and thereupon it shall no longer be necessary for such Ships to be re-measured in any port or place in Her Majesty's dominions, but such Ships shall be deemed to be of the tonnage denoted in their Certificates of Registry or other papers in the same manner, to the same extent, and for the same purposes in, to, and for which the tonnage denoted in the Certificates of Registry of British Ships is to be deemed the tonnage of such Ships:

And whereas by the Merchant Shipping Act, 1876, it is enacted that "where Her Majesty "has power under the Merchant Shipping Act, "1854, or any Act passed or hereafter to be passed amending the same to make an Order in "Council, it shall be lawful for Her Majesty from "time to time to make such Order in Council, and "by Order in Council to revoke, alter, or add to "any Order so made":

And whereas it was made to appear to Her Majesty that the Rules concerning the measurement of tonnage of Merchant Ships in force under the Merchant Shipping Act, 1854, had been adopted by the Government of His Majesty the German Emperor, with the exception of a difference in the mode in certain Steamers of estimating the allowance for engine room, and such rules were in force in that country and came into operation on the 1st day of January 1873:

And whereas by Order in Council dated the 26th day of June 1873, Her Majesty was pleased to direct as follows:

1. As regards Sailing Ships, that Merchant Sailing Ships of the said German Empire the measurement whereof should, after the said 1st day of January 1873, have been ascertained and denoted in the registers and other national papers of such Sailing Ships testified by the date thereof should be deemed to be of the tonnage denoted in such registers and other national papers in the manner and to the same extent and for the same purpose in, to, and for which the tonnage denoted in the Certificate of Registry of British Sailing Ships is deemed to be the tonnage of such Ships.

2. As regards Steamships, that Merchant Ships belonging to the said German Empire which are propelled by Steam, or any other power requiring engine room, the measurement whereof should, after the said 1st day of January 1873, have been ascertained and denoted in the registers and other national papers of such Steamships testified by the dates thereof, should be deemed to be of the tonnage denoted on such registers or other national papers in the same manner and to the same extent, and for the same purpose in, to, and for which the tonnage denoted in the Certificate of Registry of British Ships is deemed to be the tonnage of such Ships. Provided, nevertheless, that should the owner or master of any such German Steamship desire the deduction for engine room in his ship to be estimated under the rules for engine room measurement and deduction applicable to British Ships instead of under the German rule, the engine room should be measured and the deduction calculated according to the British rules.

And whereas it has been made to appear to Her Majesty that a new Imperial Ordinance, which came into operation on the 20th day of June 1888, stipulates that the owners of German Steamships may have the net tonnage of their vessels calculated according to British as well as according to German rules, and shall have issued to them a separate Certificate to be used in Foreign Countries, showing the net tonnage calculated according to British rules:

And whereas it has been made to appear desirable to Her Majesty that the provisions of the said recited Order in Council of the 26th day of June 1873 should be revoked, and a new Order in Council made and substituted in lieu thereof:

Now, therefore, Her Majesty, in virtue of the powers vested in Her by the said recited Acts, and by and with the advice of Her Privy Council, is pleased to direct that the said recited Order of the 26th day of June 1873 shall be and the same is hereby revoked, and in lieu thereof, and in substitution therefor, Her Majesty is hereby pleased, by and with the advice of Her Privy Council, to direct as follows:

1. As regards Sailing Ships, that Merchant Sailing Ships of the said German Empire, the measurement whereof after the said 1st day of January 1873 has been ascertained and denoted in

the registers and other national papers of such Sailing Ships, testified by the date thereof, shall be deemed to be of the tonnage denoted in such registers and other national papers in the same manner and to the same extent, and for the same purpose into and for which the tonnage denoted in the Certificate of Registry of British Sailing Ships is deemed to be the tonnage of such Ships.

2. As regards Steamships, that Merchant Ships belonging to the said German Empire, which are propelled by steam or any other power requiring engine room, the measurement whereof shall, after the said 1st day of January 1873, have been ascertained and denoted in the registers and other national papers of such Steamships, testified by the dates thereof, shall be deemed to be of the tonnage denoted on such registers or other national papers in the same manner and to the same extent, and for the same purpose in, to, and for which the tonnage denoted in the Certificate of Registry of British Ships is deemed to be the tonnage of such Ships. Provided, nevertheless, that if the Owner or Master of any such German Steamship desires the deduction for engine room in his Ship to be estimated under the rules for engine room measurement and deduction applicable to British Ships instead of under the German rule, the engine room shall be measured and the deduction calculated according to the British rules; and that, in the event of any such Steamship possessing a Certificate of Tonnage or other national paper issued as aforesaid on or after the 20th day of June 1888 denoting the net registered tonnage of such Ship under the British rules, the Ship shall be deemed to be of the tonnage so denoted thereon.

C. L. Peel.

E. J. SINKINSON,
Secretary to the Government of India.

MILITARY DEPARTMENT.

Simla, the 27th September, 1889.

FIELD OPERATIONS.

CHIN-LUSHAI.

No. 839.—The Governor-General in Council has been pleased to sanction the despatch of a column, as detailed below, to co-operate with a force which will be engaged during the ensuing cold season in operations against the Chins, Lushais, Shendus, and other tribes occupying the hill-tracts between the Chindwin and Kalé valleys in Burmah and the Chittagong district:

No. 2 Company, Bengal Sappers and Miners.
3rd Regiment of Bengal Infantry.
2nd Battalion, 2nd Gurkha Regiment.
28th Bombay Infantry (Pioneers).

2. The following officers are detailed for the Staff of the column, their appointments having effect from the dates on which they respectively enter upon the duties thereof:

To command	Colonel V. W. Tregear, Bengal Infantry.
Staff Officer	Captain F. S. Gwatkin, Bengal Staff Corps.
Field Intelligence Officer	Captain J. Shakespear, Leinster Regiment.
Assistant Intelligence Officer	Captain O. A. Chambers, Royal Warwickshire Regiment.
Commanding Engineer	Captain (Brevet-Major) H. P. Leach, Royal Engineers.
Field Engineer	Captain H. Mullaly, Royal Engineers.
Assistant Field Engineer	Lieutenant R. A. F. Kingscote, Royal Engineers.
Chief Commissariat Officer	Captain W. J. H. Bond, Bengal Staff Corps, Assistant Commissary-General.
Assistant Commissariat Officers	Lieutenant A. L. Phillips, Bengal Staff Corps, Deputy Assistant Commissary-General Captain W. H. Allen, Bengal Staff Corps, Deputy Assistant Commissary-General.
Transport Officers	Captain B. W. R. Ussher, 7th Dragoon Guards. Lieutenant T. St. C. Davidson, Leinster Regiment. Lieutenant M. E. Willoughby, Bengal Staff Corps.
Superintendent of Signalling	Captain A. G. F. Browne, Bengal Staff Corps.
Assistant Superintendent of Signalling	Lieutenant W. H. Birkbeck, 1st Dragoon Guards.
Survey Officer	Lieutenant W. J. Bythell, Royal Engineers.
Principal Medical Officer	Surgeon-Major W. R. Murphy, Indian Medical Service, Bengal.

APPOINTMENTS.

COMMISSARIAT DEPARTMENT.

No. 840.—Captain K. M. Foss, Deputy Assistant Commissary-General, 1st class, to be Assistant Commissary-General, 4th class;

Captain E. A. F. Carter, Deputy Assistant Commissary-General, 2nd class (on furlough), to be Deputy Assistant Commissary-General, 1st class,—

with effect from the 17th August 1889, *vice* Captain C. G. B. Hervey, Assistant Commissary-General, 4th class, deceased.

MEDICAL DEPARTMENT.

No. 841.—The following extract paragraph-1 from a letter from the Right Hon'ble the Secretary of State for India, No. 168, dated the 22nd August 1889, is published for general information:

The undermentioned probationers for the Indian Medical Service having completed a course of instruction at the Army Medical School and being reported qualified, have been appointed Surgeons on the Bengal Establishment, their commissions as such bearing date the 30th March 1889, the day of their joining the Army Medical School:

Fairlie Russell Ozzard.
Adam Rivers Steele Anderson.
John Telfer Calvert.
Edgar Jennings.
Theodore Mayo Stiles.
Arthur Gervase Hendley.

They will be allowed to count as service for pension the period of their residence at the Army Medical School, from the 30th March to the 2nd August 1889, both inclusive.

ORDNANCE DEPARTMENT.

No. 842.—Major R. A. C. King, R.A., Ordnance Officer, 2nd class, sub. *pro tem.*, is confirmed in that class, with effect from the 16th September 1889, *vice* Captain W. D. B. Fenton, R.A., Ordnance Officer, 2nd class, reverted to regimental duty under the provisions of Article 689, Army Regulations, India, Volume I., Part I.

No. 843.—Captain E. S. F. Walker, R.A., Assistant Superintendent of Factories, to be Ordnance Officer, 3rd class, to complete establishment. Dated 1st September 1889.

Captain H. deT. Phillips, R.A., officiating Ordnance Officer, 4th class, to be Assistant Superintendent of Factories, *vice* Captain E. S. F. Walker, R.A., appointed Ordnance Officer, 3rd class. Dated 1st September 1889.

No. 844.—In line 4 of G. G. O. No. 802, dated 13th September 1889, for *4th September,* read *5th September.*

STAFF CORPS.

No. 845.—The undermentioned officers, appointed by the Secretary of State for India probationers for the Indian Staff Corps, are posted as follows, with effect from the dates of their arrival in India:

Madras Staff Corps.

Lieutenant S. Geoghegan, Royal Irish Regiment.

Second Lieutenant H. M. M. Brooke, Essex Regiment.

Second Lieutenant J. J. P. Quinn, Royal Berkshire Regiment.

Second Lieutenant J. Stapylton, York and Lancaster Regiment.

Second Lieutenant B. J. Petre, 18th Hussars.

Bombay Staff Corps.

Lieutenant R. J. Bentinck, 1st West India Regiment.

Second Lieutenant R. C. Bell, South Lancashire Regiment.

No. 846.—In G. G. O. No. 707 of 1889 the name of Second Lieutenant F. Fisher, Essex Regiment, should be shown under the heading "Bombay Staff Corps."

DISMISSALS AND REMOVALS.

No. 847.—Sub-Conductor Julius Joseph Königs having been declared by a Court of Enquiry held on the 6th of September 1889, to have been absent without leave since the 1st July 1889, is struck off the strength of the Bengal Miscellaneous List, with effect from the latter date.

FURLOUGH AND LEAVE.

No. 848.—The undermentioned officers are granted furlough out of India:

Colonel J. Sconce, Bengal S. C., Deputy Surveyor-General, (p. a.) for one year and 153 days, under rule IX. of the Regulations of 1868.

Surgeon-Major L. Cameron, M.D., (p. a.) for two years, under rule IX. of the Regulations of 1868.

Sub-Conductor J. W. McKie, Commissariat Department, (m. c.) for one year, under rule VI. of the Regulations of 1875.

No. 849.—The undermentioned officer is granted leave to proceed out of India on private affairs under the leave rules for the Staff Corps, the specified period to count from the date of being struck off duty:

Captain W. W. Taylor, Bengal S. C., 45th Bengal Infantry, for one year. Pension service—12th year commenced 20th July 1889.

No. 850.—The undermentioned officers have been granted extensions of furlough or leave by the Secretary of State for India:

Colonel S. Beckett, C.B., Bengal S. C., (p. a.) for one year.

Colonel H. W. J. Senior, Bengal S. C., (m. c.) for two months.

Lieutenant-Colonel W. G. Smith, General List, Infantry, (m. c.) for six months.

Major G. L. Eliot, Bengal S. C., (m. c.) for two months.

Sub-Conductor R. Bale, Commissariat Department, (m. c.) for two months.

LONDON GAZETTE.

No. 851.—The following extracts are published for general information:

"London Gazette," dated the 3rd September, 1889, page 4788.

WAR OFFICE,

Pall Mall, 3rd September, 1889.

* * * * * * * * * *

MEMORANDA.

* * * * * * * * * *

Kunwar Bir Bikram Singh, son of His Highness the Raja of Sirmur (Nahan), is granted the honorary rank of Lieutenant. Dated 4th September 1889.

INDIAN STAFF CORPS.

The undermentioned Colonels have been transferred to the Unemployed Supernumerary List:

John McMullin, Madras. Dated 11th August 1889.

Melmoth Alaster Douglas Orchard, Bengal. Dated 13th August 1889.

PROMOTIONS.

No. 852.—That part of G. G. O. No. 771 of 1889, relating to Captain L. R. H. D. Campbell is cancelled, and the following substituted:

BENGAL STAFF CORPS.

To be Lieutenant-Colonel.

Major Lorn Robert Henry Dick Campbell,—28th August 1889.

ORDNANCE DEPARTMENT.

No. 853.—Sub-Conductor Benjamin Edwin Smith, on probation, *seconded*, is confirmed in his present grade, with effect from the 15th March 1889.

No. 854.—Sub-Conductor Edwin Walmsley, on probation, *seconded*, is confirmed in his present grade, with effect from the 22nd March 1889.

NATIVE ARMY.

No. 855.—*29th (Punjab) Regiment of Bengal Infantry*—

Jemadar Harsa Singh to be Subadar and Havildar Pál Singh to be Jemadar, *vice* Subadar Khem Singh, transferred to the pension establishment, with effect from the 18th June 1889.

PUNJAB FRONTIER FORCE.

No. 856.—*Corps of Guides Infantry*—

Havildar Sherzala to be Jemadar, *vice* Timar Shah, deceased, with effect from the 26th July 1889.

RETIREMENTS.

No. 857.—Colonel John Liston, Bengal S. C., has been permitted by the Secretary of State for India to retire from the service, with effect from the 10th November 1889, subject to Her Majesty's approval.

No. 858.—Brigade-Surgeon Thomas Edwin Burton Brown, M.D., Bengal, is permitted to retire from the service, with effect from the 1st October 1889, subject to Her Majesty's approval.

VOLUNTEER CORPS.

APPOINTMENTS.

No. 859.—*Oudh Volunteer Rifle Corps*—

Mr. Joseph Barnes Swift Boyle to be Lieutenant, *vice* Chapman, deceased.

No. 860.—*Cawnpore Volunteer Rifle Corps*—

Mr. William Broughton Chambers to be Second Lieutenant to complete the establishment.

MARINE DEPARTMENT.

FURLOUGH AND LEAVE.

No. 44.—Chief Engineer R. Wood, Inspector of Machinery, Bombay Dockyard, has been granted by the Secretary of State for India a further extension of furlough (p. a.) for six months.

E. H. H. COLLEN,

Secretary to the Government of India.

PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Simla, the 23rd September, 1889.

No. 293.—Mr. E. L. Hunt, Executive Engineer, 1st Grade, State Railways, has been granted by Her Majesty's Secretary of State for India special leave for one year in extension of the special leave notified in Public Works Department Notification No. 64, dated 26th February 1889.

The 26th September, 1889.

No. 294.—The undermentioned officers are permitted to retire from the service, with effect from the afternoon of the dates specified:

Mr. J. W. Brassington, Executive Engineer, 1st Grade, Rajputana and Central India, temporarily employed in Madras,—22nd September 1889.

Mr. W. F. Heath, Executive Engineer, 2nd Grade, North-Western Provinces and Oudh, —23rd September 1889.

Mr. H. Johnson, Executive Engineer, 1st Grade, State Railways,—26th September 1889.

The 27th September, 1889.

No. 295.—Mr. A. H. Mason, Executive Engineer, 4th Grade, *temporary rank*, is transferred from the Establishment under the Government of Bengal to that under the Government of Madras for employment on the East Coast Railway Survey.

No. 296.—Public Works Department Notification No. 63, dated 26th February 1889, transferring Mr. D. O'Neill, Honorary Assistant Engineer, from the Establishment under the Government of Bombay to that under the Director-General of Railways is hereby cancelled.

R. C. B. PEMBERTON, *Colonel, R.E.,*

Secretary to the Government of India.

SUPPLEMENT TO

The Gazette of India.

No. 36.] CALCUTTA, SATURDAY, SEPTEMBER 7, 1889.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in* PART VI *of the* GAZETTE.

Non-Subscribers to the GAZETTE *may receive the* SUPPLEMENT *separately on a payment of five Rupees per annum if delivered in Calcutta, or eight Rupees if sent by Post. The* SUPPLEMENT *and* PART VI *of the* GAZETTE *can also be subscribed for separately on a payment of Rupees six per annum if delivered in Calcutta or Rupees nine if sent by Post.*

No Official Orders or Notifications, the Publication of which in the GAZETTE OF INDIA *is required by* LAW, *or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be inclusded in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Civil Works—Irrigation.

STATEMENTS OF IRRIGATION OPERATIONS ON PERENNIAL CANALS IN THE PUNJAB FOR THE RABI CROP OF 1888-89, AND COMPARATIVE STATEMENT OF IRRIGATION AND RAIN-FALL ON THOSE CANALS FOR THE YEARS 1887-88 AND 1888-89.

STATEMENT No. I.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1888-89 ON PERENNIAL CANALS.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Districts.	Area in acres.	Cultivated area in acres.	Area Irrigated.		Comparison with last Crop.		Rainfall in Rabi months.													
							October.		November.		December.		January.		February.		March.		Total.	
			Rabi 1888-89.	Rabi 1887-88.	Increase.	Decrease.	1888.	1887.	1888.	1887.	1888.	1887.	1889.	1888.	1889.	1888.	1889.	1888.	1888-89.	1887-88.
Peshawar	1,602,560	905,600	73,995	56,693	17,302	...	...	1·7	1·5	...	0·2	0·4	2·8	1·0	3·7	1·4	0·6	2·3	8·8	6·8
Total Swat River Canal	1,602,560	905,600	73,995	56,693	17,303	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...
Umbala	1,644,849	951,890	166	226	...	60	...	0·40	1·60	...	...	...	3·30	1·60	2·60	0·90	...	0·20	7·50	3·10
Karnal	1,533,990	650,319	20,493	13,565	6,928	...	0·70	0·47	0·80	...	...	...	1·50	0·60	1·80	0·66	...	0·37	4·80	2·10
Rohtak	1,159,350	906,022	31,394	7,181	24,213	...	0·60	...	...	..	...	0·35	0·60	0·35	2·00	0·45	0·20	0·35	3·40	1·50
Delhi	804,933	525,676	13,947	4,855	9,092	...	0·20	...	...	...	...	...	1·60	0·70	1·80	0·80	0·40	0·80	4·00	2·30
Hissar	2,265,428	1,161,761	35,409	17,345	18,064	...	0·20	...	0·70	...	...	0·10	0·20	0·10	1·90	1·10	0·10	1·10	3·10	1·40
Jind State	...	...	(1)30,000	14,199	15,801	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Biakner State	...	...	797	194	603	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalsia State	...	...	122	134	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total W. J. Canal	7,408,550	4,225,668	132,328	57,699	74,701	72	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Gurdáspur	1,168,314	856,230	7,603	9,221	...	1,618	0·1	...	0·1	...	...	0·1	4·6	1·6	6·2	0·3	...	0·3	11·0	2·3
Amritsar	1,006,798	766,773	109,847	97,493	12,354	...	0·3	...	0·2	...	0·1	...	2·1	0·9	4·6	1·0	0·4	0·1	7·7	2·0
Lahore	2,334,552	1,164,921	177,738	159,896	17,842	...	...	...	...	...	...	...	1·3	0·5	2·9	0·9	0·1	0·5	4·3	1·9
TOTAL BARI DOAB CANAL	4,509,664	2,787,924	295,188	266,610	30,196	1,618	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Ludhiána	882,167	729,009	25,911	20,305	5,606	...	...	0·2	0·4	...	...	...	1·8	0·5	3·05	1·0	...	0·2	5·25	1·9
Ferozepore . . .	1,761,280	1,344,000	203,868	163,497	40,371	...	...	...	0·2	...	...	...	1·6	0·1	1·6	1·10	0·7	0·5	4·1	1·7
Hissar	shown	above.	4,429	...	4,429	...	...	...	...	...	...	...	shown	above.	...	...	...	...	...	...
Faridkot State . . .	...	...	54,155	50,255	3,900	...	...	...	...	...	...	...	1·4	0·5	2·0	0·1	...	0·2	3·4	0·8
Nábha do. . . .	...	...	13,911	12,287	1,624	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Patiála do. . . .	...	...	34,207	26,259	7,948	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jínd do. . . .	...	...	595	148	447	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kalsia do. . . .	...	...	1,534	2,154	...	620	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL SIRHIND CANAL .	2,643,447	2,073,009	338,610	274,905	64,325	620	...	...	...	...	...	...	...	...	...	...	...	...	...	...
GRAND TOTAL .	16,164,221	9,992,201	840,121	655,907	186,524	2,310	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(1) This is the area for which Jind will pay R63,500 under the agreement, since the distributaries have been handed over to the State.

Area irrigated in Rabi 1888-89	.	840,121 acres.
Ditto ditto 1887-88	.	655,907 ,,
NET INCREASE	.	184,214 ,,

LAHORE,
The 4th August 1889.

J. W. OTTLEY, *Major, R.E.,*
Offg. Joint Secy. to Govt., Punjab, P. W. Dept.,
Irrigation Branch.

STATEMENT No. II.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1888-89 ON PERENNIAL CANALS.

Statement in Acres of Crops irrigated in Canal Districts.

Description of Crops.	Peshá-war.	Um-balla.	Karnál.	Rohtak.	Delhi.	Hisaar.	Jínd State W. J. Canal.	Bíkaner State.	Kalsia State.	Gur-dáspur.	Amritsar.	Lahore.	Ludhi-ána.	Ferozepore.	Faríd-kot State.	Nábha State.	Patiála State.	Jínd Sirhind Canal	Total.
Wheat	34,222	81	17,552	27,644	13,005	25,220		94	818	5,099	78,761	139,324	12,112	132,451	33,752	8,165	17,744	420	546,464
Barley	29,858	7	206	86	50	2,120		375	19	381	1,538	2,464	369	12,726	3,252	327	2,466	7	56,251
							30,000												30,000
Mixed grain . . .	9,154	...	730	1,958	434	264		232	260	92	365	990	6,831	3,760	195	1,463	3,134	78	29,940
Others	761	78	2,005	1,706	458	12,234		96	559	2,031	29,183	34,960	6,599	54,931	16,956	3,956	10,863	90	177,464
Total Rabi 1888-89 . .	73,995	166	20,493	31,394	13,947	39,838	30,000	797	1,656	7,603	109,847	177,738	25,911	203,868	54,155	13,911	34,207	595	840,121
Total Rabi 1887-88 . .	56,693	226	13,565	7,181	4,855	17,345	14,199	194	2,288	9,221	97,493	159,896	20,305	163,497	50,255	12,287	26,259	148	655,907

LAHORE,
The 4th August 1889.

J. W. OTTLEY, *Major, R.E.*,
Offg. Joint Secy. to Govt., Punjab, P. W. Dept., Irrigation Branch.

STATEMENT No. III.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1888-89 ON PERENNIAL CANALS.

Statement in Acres of Crops irrigated in Canals Divisions.

Description of Crops.	Swat River Canal Division.	Western Jumna Canal.			Jhind State, Western Jumna Canal.	Bari Doab Canal.			Sirhind Canal.			Total.
		Karnal Division.	Delhi Division.	Total.		1st Division.	2nd Division.	Total.	Ludhiana Division.	Ferozepore Division.	Total.	
Wheat	34,222	40,413	40,214	80,627	30,000	53,026	170,158	223,184	44,579	163,852	208,431	546,464
Barley	29,858	2,088	120	2,208		498	3,885	4,383	1,400	18,402	19,802	56,251 30,000
Mixed grain	9,154	975	2,643	3,618		492	955	1,447	15,721	...	15,721	29,940
Others	761	14,287	1,588	15,875		15,767	50,407	66,174	28,574	66,082	94,656	177,466
Total Rabi 1888-89	73,995	57,763	44,565	102,328	30,000	69,783	225,405	295,188	90,274	248,336	338,610	840,121
Total Rabi 1887-88	56,693	31,461	12,039	(2)43,500	14,199	59,341	207,269	266,610	73,293	201,612	274,905	655,907

(1) Includes the Hansi Division, which was amalgamated with it on the 1st April 1888.
(2) This is exclusive of the Jind irrigation, which is shown separately.

LAHORE,
The 4th August 1889.

J. W. OTTLEY, *Major, R.E.,*
Offg. Joint Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

IRRIGATION OPERATIONS, 1888-89.

Comparative Statement of Irrigation and Rainfall for the years 1887-88 and 1888-89 in the Districts of the Punjab, irrigated by Perennial Canals.

Districts.	Population.	Area in acres.	Cultivated area in acres.	AREA IRRIGATED.										RAINFALL.		
				Kharif, 1888-89.			Rabi, 1888-89.			Whole year 1888-89.			Percentage of increase or decrease in 1888-89.			
				Total area in acres.	In comparison with 1887-88. Increase.	In comparison with 1887-88. Decrease.	Total area in acres.	In comparison with 1887-88. Increase.	In comparison with 1887-88. Decrease.	Total area in acres.	In comparison with 1887-88. Increase.	In comparison with 1887-88. Decrease.		1887-88.	1888-89.	Percentage of increase or decrease in 1888-89.
Swat River Canal.																
Peshawar . . .	592,674	1,602,560	905,600	33,915	...	6,078	73,995	17,302	...	107,910	11,224	...	+ 11·61	14·2	13·1	— 7·75
Western Jumna Canal.																
Umballa . . .	1,067,263	1,644,849	951,890	(1) 2,101	...	16	166	...	60	2,267	...	76	— 3·24	53·47	35·20	—34·17
Karnal . . .	622,621	1,533,990	680,319	(2) 34,327	...	760	20,493	6,928	...	54,820	6,168	...	+ 12·68	38·73	32·25	—16·73
Bohtak . . .	553,609	1,159,350	906,022	(3) 31,556	...	3,678	31,394	24,213	...	62,950	20,535	..	+ 48·41	24·75	20·40	— 17·58
Delhi . . .	643,515	804,933	525,676	(4) 27,770	...	2,439	13,947	9,092	...	41,717	6,653	...	+ 18·97	34·60	32·50	— 6·07
Hissar . . .	504,183	2,265,428	1,161,761	(5) 41,278	...	2,340	35,409	18,064	...	76,687	15,724	...	+ 25·79	24·86	11·44	—53·98
Bikaner State . .	...	...	...	311	73	...	797	603	...	1,108	676	...	+ 156·48	...	...	...
Kalsia State . .	...	...	...	1,179	120	...	122	...	12	1,301	108	...	+ 9·05	...	...	...
Jind State . . .	...	...	...	20,000	...	12,560	30,000	15,801	...	(6) 50,000	3,241	...	+ 6·93	...	...	...
Total Western Jumna Canal . .	3,391,191	7,408,550	4,225,668	158,522	193	21,793	132,328	74,701	72	290,850	53,105	76	+ 22·30	...	...	...

Bari Doab Canal.																
Gurdáspur . . .	823,695	1,168,314	856,230	23,250	2,466	...	7,603	...	1,618	30,853	848	...	+2·83	28·4	33·1	+16·55
Amritsar . . .	893 266	1,006,798	766,773	80,988	4,551	...	109,847	12,354	...	190,835	16,905	...	+9·72	17·7	26·8	+51·41
Lahore . . .	924,106	2,334,552	1,164,921	(7)119,800	10,166	...	177,738	17,842	...	297,538	28,008	...	+10·39	14·9	19·2	+28·86
Total Bári Doáb Canal	2,641,067	4,509,664	2,787,924	224,038	17,183	...	295,188	30,196	1,618	519,226	45,761	...	+9·67	...	...	...
Sirhind Canal.																
Ludhiána . . .	618,835	882,167	729,009	11,019	1,392	...	25,911	5,606	...	36,930	6,998	...	+23·4	27·1	25·75	—4·98
Ferozepore . . .	650,519	1,761,280	1,344,000	89,070	14,492	...	203,868	40,371	...	292,938	54,863	...	+23·0	11·0	24·5	+122·73
Hissar . . .	Given	above	...	456	456	...	4 429	4,429	...	4,885	4,885	...	...	...	...	...
Faridkot State . .	...	...	...	19,387	1,213	...	54 155	3,900	...	73,542	5,113	...	+7·5	...	...	...
Patiála . . .	...	...	...	11,619	3,403	...	34,207	7,948	...	45,826	11,351	...	+32·9	...	...	...
Nábha . . .	...	...	...	5,569	1,149	...	13,911	1,624	...	19,480	2,773	...	+16·6	...	...	...
Jínd	...	...	...	83	47	...	595	447	...	678	494	...	+268·5	...	...	...
Kalsia . . .	...	...	...	837	...	172	1,534	...	620	2,371	...	792	—25·0	...	...	...
Total Sirhind Canal .	1,269,354	2,643,447	2,073,009	138,040	22,152	172	338,610	64,325	620	476,650	86,477	792	+21·92	...	...	...
Total Perennial Canals	7,894,286	16,164,221	9,992,201	554,515	39,528	21,965	840,121	186,524	2,310	1,394,636	196,567	868	+16·32	...	...	...

(1) (2) (3) (4) (5) The difference of 2 acres in Umballa, 31 acres in Karnál, 6 acres in Rohtak, 5 acres in Delhi and 5 acres in Hissar Districts between the figures for Kharif 1888, shown in this Statement and in half-yearly return for that crop, is due to additions subsequently made after submission of the half-yearly return.

(6) This is the area for which Jind will pay annually Rs. 5,500 under the agreement, since the distributaries have been handed over to the State.

(7) The difference of 2,192 acres between the area shown in the half-yearly statement for Kharif 1888 and that shown in this statement is due to the fact that in the former the area of Chánga Mánga Plantation was shown approximately and now the actual area as reported by the Forest Department is shown—

	Acres.
Area irrigated, 1887-88 .	1,198,937
" " 1888-89 .	1,394,636
Net increase .	195,699

LAHORE,
The 4th August 1889.

J. W. OTTLEY, *Major, R.E.,*
Offg. Joint Secy. to Govt., Punjab,
P. W. D., Irrigation Branch.

SUPPLEMENT TO

The Gazette of India.

No. 37.] SIMLA, SATURDAY, SEPTEMBER 14, 1889.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor-General will in future be published in* PART VI. *of the* GAZETTE.

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No Official Orders or Notifications, the Publication of which in the GAZETTE OF INDIA *is required by Law, or which it has been customary to publish in the* CALCUTTA GAZETTE, *will be included in the* SUPPLEMENT. *For such Orders and Notifications the body of the* GAZETTE *must be looked to.*

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weather Review of India for the week ending at 8 a.m. on Monday, September 9th, 1889.

In the previous summary the gradual steady fall in the force and extent of the Arabian Sea monsoon current was noticed, and the commencement of a similar change in the case of the Bengal current was reported. These conditions have continued during the past week, throughout which period the Arabian Sea branch of the monsoon has been practically absent and the Bengal current feeble, intermittent, and variable.

The Chart of the 3rd of September showed an area of very low pressure over the Indus Valley and of relatively low pressure over the Gangetic plain, with high pressures over the Andaman Sea and Lower Burma and relatively high pressures over the south of the Peninsula. Moderate gradients existed over Sind, Guzerat, and Rajputana, and a moderately strong westerly current of air blew across those districts and into the central parts of the country. Elsewhere the winds were light and generally variable—more particularly on the West Coast. On the 4th the general distribution was unaltered, but the low pressure area over the Indus Valley had largely filled up. Readings were very uniform over the Peninsula, and calms and northerly breezes prevailed there. The Chart of the 5th showed a redevelopment of the low pressure over the extreme north-west and to a considerable extent a reproduction of the pressure distribution which prevailed on the 3rd. A general westerly current of air, light or moderate in force, swept across Northern and Central India, while northerly to north-westerly breezes and calms were reported from the Peninsula. South-westerly winds were blowing across the Bengal Coast, and an imperfect cyclonic circulation prevailed in Lower Burma. On the 6th the barometer was falling generally, but the change was fairly uniform and the distribution not materially altered. The westerly winds over Northern India had fallen

off in strength, but there was little other change. The chart of the 7th showed that pressure continued to decrease generally. A small shallow disturbance, with a cyclonic circulation of the winds, had passed into West Bengal from the Bay, and a well defined low pressure area was shown over the north-west of the Punjab, but the most prominent feature of the distribution was an elongated anti-cyclone lying over the centre of the Peninsula, extending from Malegaon to Cochin. A slight extension of easterly winds into the eastern districts of the North-Western Provinces was shown and also a further decrease in the westerly winds over Northern India, but otherwise there was very little change. By the morning of the 8th the small depression over South-West Bengal had disappeared, but the chart showed little other change. The chart of the 9th also showed very little alteration in pressure, but the winds had become moderate in force and normal in direction at the head of the Bay. Calms and variable winds prevailed in Northern India and light northerly to north-westerly winds over the Peninsula.

Temperature.—The generally cool weather, which prevailed over India during the week ending September 2nd, continued during the first two days of the week under review, but with the decreasing rainfall temperature rose, and the general temperature during the remaining five days of the week was above the normal average. The net results for the week exhibit an excess of temperature in the Provinces of Burma, the North-Western Provinces, the Punjab, Bombay, and the Central Provinces, and a deficiency in Bengal, Guzerat, Central India, Sind, Rajputana, and Madras. The excess in Bombay equals nearly 2°, in the Punjab 1½°, and in the Central Provinces 1°, while the deficiencies on the contrary were almost everywhere small. The warmest day was the 8th, when the only Provinces reporting a deficient temperature were Bengal and Guzerat and Central India; the coolest day was the 3rd, when the only places reporting any excess were Bombay and the Central Provinces.

During the week the maxima in the Indus Valley have steadily exceeded 100°, on one occasion by as much as 5°, and during the latter half of the week these high maxima have extended over the greater part of the Punjab also. The following table shows the amount of the excess or defect of the mean average temperature of the different Provinces for the present and for the preceding week:

PROVINCES.	Difference of Mean Temperature of Last Week from Normal.	Difference of Mean Temperature of present Week from Normal.
Burmah	— 0·6	+ 0·7
Bengal	— 0·1	— 0·6
North-Western Provinces	— 0·7	+ 0·1
Punjab	— 1·4	+ 1·6
Bombay	+ 1·2	+ 1·9
Central Provinces and Berar	— 0·3	+ 1·0
Guzerat and Central India	0	— 0·1
Sind and Rajputana	+ 0·2	— 0·3
Madras	+ 0·5	— 0·4

This table shows that, compared with the average, the weather has been warmer in all Provinces, except Sind and Rajputana, Bengal and Madras.

Rain.—A weak and irregular monsoon on the Bay of Bengal side and an almost entire absence of monsoon winds on the western side of India, together with a freedom from travelling cyclonic storms, have combined to give very short rainfall to almost all parts of India. The average pressure difference between Southern and Northern India during September is ordinarily about 2½-tenths of an inch, while during the past week the difference reached only two-tenths as a rule, and on the 9th was not much more than one-tenth. Small barometric differences such as these at this season are always accompanied with weak monsoon winds, which in their turn are accompanied with deficient rainfall.

The following is a brief description of the daily distribution of rainfall:

On the 3rd rain was falling all round the Bay of Bengal, as well as over the greater part of Assam and Bengal and as far west as the east of North-Western Provinces. Showers were also reported from the inland parts of the Peninsula, from one or two places on the West Coast, and at one or two in the North-West

Himalaya. Elsewhere the weather was fair. On the 4th a similar distribution prevailed. On the 5th the rainfall showed a further falling off. Slight showers only were reported, except in Bengal, where the amounts were heavier. The chart of the 6th showed slight rainfall at the hill stations in the north-west, over the south and east of the Peninsula, and over Lower Bengal, and fine weather elsewhere. On the morning of the 7th there was no change in the break in the rains, except in Bengal, where, due to a small local depression, there had been some extension of the rainfall area. On the 8th rain had increased somewhat over the central parts of the country, but there was no other change; and on the 9th slight general rain was reported from the Deccan, the Central stations, Bengal, the east of the North-Western Provinces, Assam, and Burma.

The table at the close of the summary shows that thirty-eight of the divisions into which India is divided for rainfall purposes have received deficient rainfall and only twelve have received more than the average. Three divisions in the Punjab, *viz.*, the North-West, West, and Submontane, have received no rain whatever, and the amounts reported from all parts of the Punjab, Rajputana, Sind, Guzerat, and Kathiawar have been very small. The amount of the deficiency in other parts of India varies largely, some divisions having very nearly the normal amount of rainfall, while others in the vicinity have received only trifling falls.

The whole of Burma has had deficient rain ; so also has the whole of Bengal and Assam, with the exception of Deltaic Bengal and the valley of the Brahmaputra, where there has been a moderate or slight excess. In Upper India Oudh North has received a very trifling excess, but all the other divisions have received deficient rain—in some cases very largely so. Malabar and the Konkan Coasts have received less than half an inch of rain each during the week, but inland, within the divisions of Madras (South Central), Mysore, and the Deccan, the rainfall has been heavier than usual. Khandeish, Berar, and the Central Provinces have had very deficient rainfall, and in the whole of Rajputana, Guzerat, Kathiawar, and Sind the rain has also been short. On the other hand the whole of Madras, with the exception of the East Coast South, has had heavy rain.

The record of maximum falls exhibits very few instances of large amounts. In some parts of Behar and the North-Western Provinces there are some local falls ranging between 5 and 12 inches, but they are the exception, and in the Punjab the falls are very light. In the west and south of the Peninsula the maximum falls range between 3 and 5 inches, while in the central parts of the country they are still smaller, but on the eastern side of the Peninsula there are several heavy amounts reported.

The concluding column of the table shows an extension of the area over which the seasonal rainfall is short. The following are the divisions where the rainfall is deficient by more than 10 per cent.: Lower and Central Burma, Eastern Bengal, Punjab, Central, Submontane, and hill districts, the Konkan, the Bombay Deccan, Khandeish, Sind, and Rajputana West. In all other parts of the Indian region the seasonal fall equals or nearly equals the normal average.

PROVINCE.	DIVISION.	Rainfall Data for Week ending September 9th, 1889.			Rainfall Data from May 13th to September 9th, 1889.		
		Average Actual Rainfall of Division.	Average Normal Rainfall of Division.	Excess or Defect, in inches.	Average Actual Rainfall of Season to date.	Average Normal Rainfall, May 13th to September 9th.	Excess or Defect of (Seasonal) Rainfall expressed as a percentage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
Burmah	Tenasserim	1·01	7·70	— 6·69	156·18	149·59	+ 4
	Lower Burmah	1·39	4·94	— 3·35	59·43	76·78	— 23
	Central Burmah	1·67	3·20	— 1·53	47·38	61·60	— 23
	Upper Burmah	1·05	?	?	23·28	?	?
	Arakan	3·85	6·13	— 2·28	150·81	156·64	— 4
Bengal and Assam	Eastern Bengal	2·04	3·98	— 1·94	57·30	67·44	— 15
	Assam (Surma)	3·44	4·14	— 0·70	99·86	78·62	+ 27
	Do. (Brahmaputra)	4·99	3·16	+ 1·83	68·82	57·64	+ 19
	Deltaic Bengal	3·08	2·92	+ 0·16	39·27	42·69	— 8
	Central Bengal	2·89	2·92	— 0·03	40·19	41·55	— 3
	North Bengal	4·11	4·51	— 0·40	86·20	77·16	+ 12
	Orissa	1·20	2·74	— 1·54	38·00	38·15	0
	Chota Nagpur	1·62	2·68	— 1·06	38·14	39·76	— 4
	Behar (South)	2·32	2·37	— 0·05	34·99	33·03	+ 6
	Do. (North)	2·25	2·58	— 0·33	40·67	37·12	+ 10
North-Western Provinces and Oudh.	North-Western Provinces (East).	1·06	1·89	— 0·83	37·22	27·91	+ 33
	Oudh (South)	1·15	1·69	— 0·54	37·14	27·95	+ 33
	Do. (North)	2·35	2·21	+ 0·14	36·81	30·59	+ 21
	North-Western Provinces (Central).	0·66	1·84	— 1·18	24·99	24·79	+ 1
	North-Western Provinces (West).	0·23	1·68	— 1·45	21·33	23·10	— 8
	North-Western Provinces (Submontane).	1·24	1·90	— 0·66	44·89	34·34	+ 31
Punjab	Punjab (South)	0·04	0·68	— 0·64	11·33	11·38	0
	Do. (Central)	0·08	1·50	— 1·42	16·66	19·14	— 13
	Do. (Submontane)	0	1·39	— 1·39	20·00	22·45	— 11
	Do. (Hill Districts)	0·78	2·51	— 1·73	58·65	71·28	— 18
	Do. (North-West)	0	0·81	— 0·81	15·60	16·77	— 7
	Do. (West)	0	0·26	— 0·26	6·65	6·01	+ 2
Bombay and Malabar Coast Districts (Madras).	Malabar	0·34	2·46	— 2·12	87·51	90·77	— 4
	Madras (South Central)	1·85	1·08	+ 0·77	26·18	12·57	+108
	Coorg	2·03	3·23	— 0·20	82·76	84·60	— 2
	Mysore	4·15	1·18	+ 2·97	15·88	16·04	— 1
	Konkan	0·45	3·31	— 2·86	99·69	80·70	— 24
	Bombay Deccan	1·32	1·14	+ 0·18	19·37	23·82	— 19
	Hyderabad (North)	...	...	...	..	...	...
	Khandeish	0·75	1·33	— 0·58	12·92	17·97	— 28
Central Provinces and Berar.	Berar	1·16	1·96	— 0·80	30·10	27·06	+ 11
	Central Provinces (West)	0·78	2·82	— 2·04	30·69	33·35	— 8
	Ditto (Central)	0·60	2·73	— 2·13	46·16	43·13	+ 7
	Ditto (East)	1·46	1·87	— 0·41	48·22	41·82	+ 15
Bombay (North)	Guzerat	0·11	2·16	— 2·05	32·16	32·40	— 1
	Kattiawar	0·40	1·55	— 1·15	23·78	23·52	+ 1
	Sind	0·07	0·14	— 0·07	1·55	4·03	— 62
Rajputana and Central India.	Central India (East)	0·28	1·89	— 1·61	35·52	30·41	+ 17
	Rajputana (East), Central India (West).	0·07	1·73	— 1·66	28·43	22·66	+ 25
	Rajputana (West)	0·10	1·06	— 0·96	8·49	11·36	— 25
Madras	East Coast (North)	2·63	1·51	+ 1·12	25·89	19·71	+ 31
	Do. (North) (a)	3·85	2·20	+ 1·65	29·00	29·34	— 1
	Hyderabad (South)	1·83	1·12	+ 0·71	18·69	17·28	+ 8
	Madras (Central)	3·37	0·86	+ 2·51	16·50	13·12	+ 26
	East Coast (Central)	1·61	1·21	+ 0·40	14·87	14·65	+ 2
	Ditto (South)	0·63	1·23	— 0·60	14·31	11·84	+ 21
	Madras (South)	0·70	0·05	+ 0·05	6·56	6·48	+ 1

W. L. DALLAS,

Assistant Meteorological Reporter to the Government of India.

SIMLA, *12th September, 1889.*

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 7th September.*—Rainfall general; good in all districts, except Madras, South Arcot, and Tanjore. Crops generally good, but withering in parts of South Arcot, suffering from want of rain in Trichinopoly and Tinnevelly, and damaged by excessive rain in parts of Anantapur. Prices generally falling or stationary. Labourers employed on last day of week,—on Rushikulya works, 3,699; Gopalpur Canal, 1,373; Ghât Roads, 3,710; minor works, 3,644. Number on village relief on 31st August, 46,032, including 28,246 children; fed in kitchens, 10,402, including 7,513 children. Imports into Ganjam during week by sea and land, 394 tons. General prospects favourable.

Bombay.—*For week ending 11th September.*—Good rain over the greater part of the Deccan and Southern Mahratta Country and crop prospects improved by it; slight in Guzerat, Kathiawar, Konkan, Khandesh, and Nasik. Total fall still insufficient in parts of Ahmedabad, Broach, Surat, Khandesh, Nasik, Thana, Ratnagiri, Poona, Ahmednagar, Satara, Belgaum, Dharwar, Kanara, and Baroda. Standing crops damaged by rats, insects, and locusts in parts of Karachi; by locusts in parts of Shikarpur and Hyderabad; by insects and locusts in parts of Upper Sind Frontier; and by grasshoppers in parts of Ahmedabad and Panch Mahals; also withering for want of moisture in two talukas of Surat and Poona, one of Ahmednagar, and parts of Nasik. Standing crops otherwise good. Preparation for late crops progressing in parts of Karachi, Hyderabad, Sholapur, Bijapur, and Kathiawar. Fodder scarce in parts of Nasik, Poona, Ahmednagar, Satara, and Belgaum. Drinking water scarce in parts of Upper Sind Frontier, Nasik, Ahmednagar, and Satara. Prices rising in two talukas of Nasik.

Bengal.—*For week ending 10th September.*—Fairly general rain has fallen over the whole Province during the week, but there is now a partial break in the rains. Transplanting is nearly finished and the prospects of the winter rice are generally favourable, except in places in Western Bengal, in the south-west of the Sonthal Pergunnahs, and in the Sadr subdivision of Balasore, where the rainfall is still scanty. Autumn rice and jute harvests in some districts are expected to give fair results, while in others the outturn is estimated to be below the average. In Moorshedabad much damage has been caused to the autumn rice by floods, and in the east of Bogra the damage is also considerable. The *bhadoi* crops are being harvested and promise well, except in the inundated parts of Behar, where they have been almost wholly destroyed. Foodstocks continue to be sufficient in the affected tracts. At Motihari the price of common rice has fallen from $10\frac{1}{2}$ to 12 seers a rupee; at Madhubani it is $10\frac{1}{2}$ seers; and at Sitamarhi from $8\frac{2}{5}$ to $9\frac{3}{20}$ seers. In Chumparun and Muzaffarpur agricultural loans are being given and the persons in receipt of charitable relief are increasing. The number of persons employed on relief works are 365 in Bhagalpur and about 1,500 in the Sonthal Pergunnahs.

North-Western Provinces and Oudh.—*For week ending 11th September.*—There has been light rain during the week, except in the eastern districts, where floods have occurred. Crops are doing well. Harvesting operations in progress and ploughing for *rabi* has begun in some places. Markets are well supplied. Prices are generally stationary, but in a few districts show a tendency to fall.

Punjab.—*For week ending 11th September.*—Rainfall light; showers in Khushab tahsil, Shahpur district, only. Prices falling in Delhi, Mooltan, and Shahpur; rising in Rawalpindi; and stationary elsewhere. Sowings of *kharif*

crops completed. Ploughings for *rabi* commenced in certain districts. Rain wanted in Sialkot. Prospects of standing crops good and promising. Rice crop in Umballa suffering for want of rain. Fodder sufficient throughout the Province.

Central Provinces.—*For week ending 11th September.*—Weather seasonable. The rainfall has been slightly deficient in parts of Jubbulpore and Seoni, but the prospects of the *kharif* crops continue favourable. Land being prepared for winter sowings. Prices steady.

Burma.—*For week ending 7th September.*—In Lower Burma the rainfall was generally light and in Thayetmyo and Tavoy has not been sufficient, and in Thongwa late planted paddy has suffered from want of heavy rain; elsewhere the crop prospect is good. In Upper Burma there was fair rainfall in Mandalay and Pyinmana, but elsewhere but little fell or there was none at all. Rain is much wanted in Shwebo, Sagain, Lower Chindwin, Pakokku, Meiktila, and Yamethin districts; elsewhere the crop prospect is fair. The price of paddy has risen 9 per cent. in Thongwa, 4 per cent. in Thayetmyo and Magwe; but elsewhere there is little or no change.

Assam.—*For week ending 11th September.*—Weather showery; nights unusually cool. Harvesting of early and transplanting of late rice still continue. Tea blight severe in Cachar. Prospects of tea and other crops good, except in Nowgong, where floods have done damage.

Mysore and Coorg.—*For week ending 11th September.*—Good rain has fallen throughout the State of Mysore. Standing crops in good condition, except in the Shikarpur taluk of the Shimoga district. Prices slightly fallen in Shimoga.

Good rain in Coorg. Standing crops doing well.

Berar and Hyderabad.—*For week ending 11th September.*—Average rainfall good in Berar. Weeding continues. Crops healthy. Fodder sufficient. Prices of food-grains stationary.

Rainfall during week 2·53 inches at Hyderabad; total since 1st January 24·46. Weeding of *kharif* crops concluded and weeding of *rabi* crops in progress. Water in tanks not yet sufficient for *rabi* crops. Prices stationary.

Central India.—*For week ending 11th September.*—During the week no rain fell in Gwalior, Bhopawar, or Neemuch. Crop prospects improved in Bhopawar and Bhopal; unchanged elsewhere. Locusts still exist in parts of Barwani. Prices of food-grains high in Goona, falling in Neemuch, steady elsewhere.

Rajputana.—*For week ending 11th September.*—Moderate rain in Bikaneer; slight in Ajmere and Abu. No rain elsewhere. Standing crops good. Harvest prospects favourable. Locusts reported in districts of Sirohi. Agricultural stock good. Pasturage or fodder sufficient. Prices steady generally.

Nepal.—*For week ending 5th September.*—Good rain fell during the week. Early rice is being harvested. Prospects good.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XX. OF 1889-90.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	Railways.	Week ending 18th August, 1888. Total mean length open.	Week ending 18th August, 1888. Receipts. Total.	Week ending 18th August, 1888. Receipts. Per mile open.	Week ending 17th August, 1889. Total mean length open.	Week ending 17th August, 1889. Receipts. Total.	Week ending 17th August, 1889. Receipts. Per mile open.	Total Receipts from 1st April to 18th August, 1888. Total.	Total Receipts from 1st April to 18th August, 1888. Per mile open per week.	Total Receipts from 1st April to 17th August, 1889. Total.	Total Receipts from 1st April to 17th August, 1889. Per mile open per week.	Total increase in 1889-90.	Te dec in 18
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	State Lines worked by Companies.												
ugust, 1889	East Indian	1,514	6,40,633	423	1,514	6,34,057	419	1,65,81,184	548	1,69,44,920	560	3,63,736	
ditto	Patna-Gya	57	7,679	134	57	6,725	118	1,64,565	144	1,68,454	147	3,889	
ditto	Dildárnagar-Gházipur	12	582	49	12	679	57	20,279	85	18,415	77	...	
.....	Sindia	75	4,704	63	...	(a)	...	1,49,765	100	(a)	...	...	1,4
ugust, 1889	Rajputana-Malwa	1,664	2,32,107	139	1,664	2,91,000	175	69,68,994	209	79,72,224	241	10,03,230	
ditto	Bengal-Nágpur (b)	186	16,533	88	305	(c) 19,176	63	6,40,906	172	(c) 7,36,334	124	95,428	
ditto	Southern Mahratta (d)	850	55,445	65	857	67,048	78	15,42,752	91	16,70,805	98	1,28,053	
ditto	Do. Mysore Section	140	9,749	69	285	19,358	68	2,06,364	74	2,79,173	63	72,809	
ditto	Indian Midland	130	6,723	49	746	(e) 42,416	57	2,95,388	108	(e) 11,14,279	88	8,18,891	
ditto	Villupuram-Dharmaveram (Nellore Branch)	83	4,238	51	83	4,638	56	96,356	58	96,262	58	...	
ditto	Bareilly-Pilibhit	36	1,079	30	36	1,318	37	30,396	44	38,349	56	7,953	
	TOTAL	4,753	9,79,472	206	5,559	10,86,415	195	2,66,96,949	281	2,90,39,215	271	23,42,266	
	State Lines worked by Government.												
ugust, 1889	North Western (f)	2,469	3,92,749	159	2,386	4,08,865	171	91,60,222	186	1,04,01,878	220	12,41,656	
ditto	Oudh and Rohilkhand	692	92,031	133	692	98,106	142	27,78,376	200	31,15,438	225	3,37,062	
ditto	Bengal Central	125	12,077	97	125	14,350	115	2,34,688	94	2,73,264	109	38,576	
ditto	Wardha Coal	45	11,709	260	45	11,605	258	2,82,777	314	3,14,245	352	31,468	
ditto	Eastern Bengal	673	2,31,125	343	747	2,29,790	308	31,43,222	234	33,72,724	241	2,29,502	
ditto	Nalháti	27	2,705	100	27	2,055	76	38,746	75	37,248	72	...	
ditto	Tirhoot	259	22,816	88	273	39,479	145	6,66,286	135	7,57,546	146	91,260	
ditto	Lucknow-Sitapur-Sihrámau	105	3,642	35	105	5,619	54	1,00,949	48	1,33,270	63	32,321	
ditto	Jorhát	25	1,209	48	25	1,414	56	22,584	45	23,692	42	1,108	
ditto	Cherra-Companyganj	7	78	11	7	196	28	1,376	9	2,284	15	908	
ditto	Burma (g)	392	41,815	107	553	70,268	127	11,45,654	151	17,77,075	162	6,31,421	
	TOTAL	4,819	8,11,956	168	4,985	8,81,747	177	1,75,74,880	183	2,02,08,664	206	26,33,784	
	Lines worked by Guaranteed Companies.												
ugust, 1889	Madras	840	1,61,789	193	840	1,74,234	207	32,75,969	195	36,03,093	216	3,27,124	
ditto	South Indian	654	1,06,905	163	654	1,03,798	159	21,03,360	165	22,72,680	175	1,09,320	
ditto	Great Indian Peninsula	1,497	(h) 5,08,424	340	1,440	(i) 3,37,756	235	1,73,85,823 (h)	579	1,33,52,732 (i)	466	...	40,33
ditto	Bombay, Baroda and Central India (j)	461	1,53,095	332	461	1,66,000	360	49,47,264	537	52,82,606	577	3,35,342	
	TOTAL	3,452	9,30,213	269	3,395	7,81,788	230	2,77,72,416	402	2,45,11,111	364	...	32,61
ID TOTAL (GUARANTEED AND STATE)		13,024	27,21,641	209	13,939	27,49,950	197	7,20,44,215	277	7,37,58,990	271	17,14,745	
GROSS ESTIMATED EXPENSES		...	...	...	...	...	...	3,74,51,802	144	3,82,06,461	140	7,54,659	
NET RECEIPTS		...	...	...	...	...	...	3,45,92,443	133	3,55,52,529	131	9,60,086	
	Assistrd Companies.												
ugust, 1889	Tárakeshwar	22	4,223	192	22	4,611	210	1,16,286	261	1,16,606	262	320	
ditto	Dibru-Sadiya	...	...	...	...	(k)	...	(l) 1,64,504	111	(m) 1,84,989	125	20,485	
ditto	Bengal and North-Western	376	32,763	87	376	38,150	101	10,09,041	134	10,67,561	143	58,520	
ditto	Rohilkhand-Kumaun	67	5,191	77	67	5,820	87	1,40,774	115	1,50,930	119	4,156	
	TOTAL	465	42,177	91	465	48,581	104	14,36,605	132	15,20,086	141	83,481	
	Native States.												
ugust, 1889	His Highness the Nizam's Guaranteed	310	30,589	99	354	43,028	122	6,06,168	108	8,23,124	117	2,16,956	
ditto	His Highness the Gaekwar's	59	1,351	23	59	1,780	30	54,393	46	53,352	46	...	
ditto	His Highness the Gaekwar's Veramgam-Mehsána-Vadnagar	21	741	35	27	600	22	19,123	46	23,034	43	3,911	
ditto	Bhávnagar-Gondal-Junagarh-Porbandar	193	13,084	68	261	16,642	64	4,06,138	105	5,58,516	108	1,52,378	
ditto	Morvi	68	2,571	38	68	2,202	32	77,439	57	85,339	63	7,900	
ditto	Jodhpore	124	4,123	33	124	4,800	39	1,48,334	60	1,36,531	55	...	11
	TOTAL	775	52,459	68	893	69,052	77	13,11,595	88	16,79,896	95	3,68,301	

a) Included with Indian Midland Railway.
b) Includes the Katni-Umaria Branch.
c) Includes the Sanctoria Coal Section of the Bengal-Nágpur Railway.
d) Includes the Bellary-Kistna State Railway.
e) Includes the Sindia and Bhopal-Itarsi State Railways.
f) Includes the Amritsar-Pathánkot and Rájpura-Bhatinda State Railways.
g) Includes the Toungoo-Mandalay extension.
(h) Includes the Dhond-Manmád, Khámgaon, Amráoti, and Bhopal-Itarsi State Railways.
(i) Includes the Dhond-Manmád, Khámgaon, and Amráoti State Railway.
(j) Includes the Patri Branch.
(k) Return not received.
(l) Total receipts from 1st April to 11th August, 1888.
(m) Total receipts from 1st April to 10th August, 1889.

M. C. BRACKENBURY, *Major, R.E.,*
Under-Secretary.

SIMLA, *12th September, 1889.*

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OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor General will in future be published in* PART VI *of the* GAZETTE.

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RETAIL PRICES FOR THE 2nd HALF OF JULY 1889.

QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.

Districts.	Wheat.		Barley.		Rice, best sort.		Rice, common.		Jowar or cholum (*Sorghum vulgare*).		Bajra or cumbu. (*Pennisetum typhoideum*).		Marua or ragi (*Eleusine coracana*).		Kangni or kakun, Italian millet (*Setaria italica*).		Gram, chenna, chola, kadalay or bunaga (*Cicer arietinum*).		Maize (*Zea Mays*).		Arhar, or thur, cadjan pea (*Cajanus indicus.*)		Tobacco.		Salt.	
	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Burma—																										
Tenasserim—																										
Mergui	...	...	...	...	9 14	9 14	10 7	10 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	428 0	428 0	11 11	11 11
Tavoy	...	...	...	...	11 4	11 4	14 0	13 4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	300 3	300 3	24 2	24 2
Moulmein and Amherst	7 14	7 14	...	...	9 11	9 11	10 2	10 2	...	...	...	...	...	...	...	...	10 2	10 2	12 2	12 2	...	...	220 0	220 0	20 8	20 8
Pegu (deltaic)—																										
Pegu	...	...	...	...	9 7	9 7	11 3	11 3	...	...	...	...	...	...	...	...	11 3	11 3	25 8	20 8	...	...	140 0	134 0	17 10	17 10
Rangoon	11 2	11 2	...	...	12 6	12 6	13 2	13 2	...	...	...	...	...	...	...	...	16 0	15 2	25 10	...	...	...	250 0	250 0	14 9	14 9
Thongwa	...	...	...	...	10 13	10 11	12 13	12 10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	150 0	150 0	12 12	12 12
Bassein	...	...	...	...	12 3	12 3	14 7	15 2	...	...	...	...	...	...	...	...	11 0	11 9	...	...	...	...	263 0	243 12	14 3	14 3
Pegu (inland)—																										
Shwaygyin	...	...	...	...	8 8	8 8	9 9	9 9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	250 0	250 0	14 2	14 2
Tharawadi	...	...	...	...	12 0	12 0	15 0	15 0	...	...	...	...	...	...	...	...	11 7	11 7	...	...	8 2	8 2	450 0	450 0	14 0	14 0
Henzada	...	...	...	...	10 4	10 4	15 10	15 10	...	...	...	...	...	...	...	...	7 9	7 9	...	...	...	...	183 8	183 8	17 11	17 11
Prome	12 2	12 2	...	...	10 12	10 5	13 1	13 1	...	...	...	...	...	...	...	...	10 6	10 6	...	...	...	...	167 9	167 9	14 0	14 0
Toungoo	...	...	...	...	9 2	9 2	12 13	12 13	...	...	...	...	...	...	...	...	9 7	9 7	...	...	...	...	200 0	200 0	14 1	14 1
Thayetmyo	11 3	11 3	...	...	10 0	10 12	11 8	12 9	...	...	...	...	...	...	...	...	12 12	12 12	22 8	22 8	...	...	326 11	326 11	11 3	11 3
Upper Burma—																										
Mandalay	10 10	10 11	...	...	10 2	11 5	11 10	12 9	...	...	...	...	...	...	...	...	9 2	9 6	22 3	19 3	8 8	7 0	80 0	70 0	17 14	17 12
Arakan—																										
Sandoway	...	...	...	...	13 8	11 10	14 14	12 11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	469 11	469 11	24 0	24 0
Kyouk-pyu	...	...	...	...	10 9	10 9	11 7	11 6	...	...	...	...	...	...	...	...	5 0	5 0	(a)	...	...	...	320 0	320 0	36 0	36 0
Akyab	...	...	...	...	11 8	11 0	13 8	13 0	...	...	...	...	...	...	...	...	9 0	9 0	...	...	9 0	9 0	160 0	160 0	16 0	16 0
Assam—																										
Surma—																										
Sylhet	11 4	11 4	...	...	14 0	14 0	16 3	16 3	...	...	...	...	...	...	...	...	13 4	13 4	...	...	...	...	108 0	108 0	10 0	10 0
Cachar	7 8	7 12	...	...	10 0	10 0	16 0	15 4	...	...	...	...	...	...	...	...	11 8	12 0	...	...	...	...	80 0	80 0	9 8	9 8
Khási and Jaintiá Hills	...	...	...	...	6 0	6 0	8 0	7 12	...	...	...	...	...	...	...	...	8 8	8 8	15 0	15 0	...	...	100 0	100 0	7 0	7 0
Gáro Hills	...	...	...	...	6 0	6 0	14 0	13 0	...	...	...	...	...	...	...	...	9 0	8 0	...	...	...	...	160 0	160 0	6 7	6 7
Brahmaputra—																										
Goálpára	16 0	16 0	...	...	8 0	8 0	13 0	14 0	...	...	...	...	...	...	...	...	13 0	13 0	...	...	20 0	20 0	80 0	80 0	9 8	9 8
Kámrup	10 0	10 0	...	...	8 0	8 0	14 0	14 0	...	...	...	...	...	...	...	...	11 0	11 0	...	...	...	...	160 0	160 0	9 0	9 0
Darrang	6 8	6 8	...	...	11 10	11 8	13 0	13 0	...	...	...	...	...	...	...	...	11 0	11 0	...	...	...	...	150 0	150 0	8 8	8 8
Nowgong	8 0	8 0	...	...	7 8	8 0	16 0	16 0	...	...	...	...	...	...	...	...	8 0	9 0	...	...	...	...	120 0	120 0	8 0	8 8
Sibságar	...	...	...	...	6 0	6 0	16 0	13 0	...	...	...	...	...	...	...	...	12 0	12 0	...	...	...	...	[illegible]	[illegible]	[illegible]	[illegible]

Eastern Hill Tracts—																										
Chittagong Hill Tracts	...	...	...	...	9 4	9 6	10 0	10 0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	[illegible]	[illegible]	[illegible]	[illegible]
Hill Tipperah	6 0	6 0	...	...	8 0	8 6	12 0	13 0	...	...	...	...	...	...	...	...	10 0	10 0	...	...	8 0	8 0	...	...	[illegible]	[illegible]
Naga Hills	...	...	...	...	4 0	4 0	9 0	7 8	...	...	...	...	...	...	...	...	4 8	3 8	...	...	...	...	60 0	[illegible]	[illegible]	4 0
Eastern—																										
Backergunge	...	...	...	...	11 0	11 0	12 0	12 0	...	...	...	...	...	...	...	...	14 0	14 8	...	...	...	...	120 0	120 0	10 0	10 0
Noakholly	...	...	...	...	12 0	12 0	14 0	14 0	...	...	...	...	...	...	...	...	12 0	12 0	...	...	8 0	8 0	...	...	9 0	9 0
Chittagong	10 0	10 0	...	...	10 0	10 0	12 12	11 10	...	...	...	...	...	...	...	...	...	11 8	...	...	...	...	[illegible]	[illegible]	[illegible]	10 0
Tipperah	12 0	12 0	...	...	13 0	13 0	14 0	14 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	9 0	9 0	...	[illegible]	[illegible]	9 0
Dacca	13 0	13 0	26 0	26 0	10 0	13 0	14 0	14 0	...	...	...	...	...	...	...	...	14 0	14 0	...	...	16 0	16 0	[illegible]	[illegible]	[illegible]	10 0
Mymensingh	10 0	10 0	...	...	12 0	11 0	13 8	13 0	...	...	...	...	...	...	...	...	13 4	13 0	...	...	10 0	13 0	...	...	[illegible]	9 12
Delta—																										
Kooloa	...	...	...	...	10 10	11 0	12 5	13 0	...	...	...	...	...	...	...	...	13 0	13 0	...	...	...	...	160 0	160 0	9 0	9 0
24-Pergunnahs	13 0	14 0	18 0	16 0	7 0	7 0	13 4	13 0	...	...	...	...	...	...	13 4	12 0	17 8	16 0	...	...	17 0	17 0	100 0	100 0	10 8	10 8
Midnapore	11 7	12 0	...	...	12 0	12 8	16 0	15 8	...	...	...	...	...	...	...	...	14 8	14 8	...	...	12 0	12 0	160 0	160 0	10 6	10 4
Howrah	...	†	...	...	10 0	10 0	13 4	13 4	...	...	...	...	...	...	...	...	17 8	16 8	...	...	13 4	13 4	100 0	100 0	10 8	10 8
Calcutta	12 12	12 10	16 8	16 7	8 11	8 9	12 12	12 10	...	...	11 6	11 11	...	...	17 12	17 12	14 14	14 15	...	...	16 11	16 8	100 0	100 0	10 10	10 10
Hooghly	13 0	13 0	...	...	8 0	8 0	11 0	12 8	...	...	...	...	...	...	...	...	16 0	16 0	...	...	13 0	13 0	120 0	120 0	9 0	9 0
Nuddea (Kishnaghur)	14 15	15 0	17 12	17 12	11 8	11 7	12 9	13 7	...	...	...	...	...	...	...	...	16 14	16 0	...	...	16 14	16 0	...	...	9 2	9 2
Jessore	13 0	13 4	...	...	11 0	11 0	13 0	13 0	...	...	...	...	...	...	...	...	16 0	16 0	...	...	18 0	18 0	180 0	180 0	9 2	9 2
Furreedpore	16 0	16 0	16 0	...	9 0	8 0	13 0	12 0	...	...	...	...	...	...	...	...	16 0	16 0	20 0	20 0	16 0	10 0	120 0	120 0	9 9	9 0
Central—																										
Bankoora	13 8	13 8	17 8	17 0	14 8	14 8	17 4	17 4	...	...	...	...	...	...	...	...	14 0	15 0	19 0	19 0	15 0	15 8	240 0	240 0	10 0	10 0
Burdwan	13 4	12 8	*	*	11 4	11 4	13 11	13 14	...	...	...	...	...	...	...	...	16 0	16 8	*	*	17 12	19 0	107 0	107 0	10 3½	9 2½
Beerbhoom	15 0	15 0	...	...	12 0	12 0	13 8	13 8	...	...	...	...	...	...	...	...	16 0	16 0	...	...	16 0	16 0	160 0	160 0	10 8	10 0
Moorshedabad	15 0	14 0	...	...	10 10	11 0	14 8	14 0	...	...	...	...	...	...	...	...	18 12	17 12	...	...	18 12	17 12	200 0	120 0	10 4	9 10
Sonthal Pergunnahs	12 8	12 8	...	...	12 8	12 8	14 8	14 8	...	...	...	...	...	...	...	...	16 0	15 0	16 0	16 0	19 0	19 0	200 0	200 0	9 0	9 0
Pubna	15 12	16 8	...	...	7 8	7 8	13 8	13 14	...	...	...	...	...	...	...	...	17 4	18 0	...	...	17 4	18 0	200 0	200 0	9 2½	9 2½
Bogra	13 8	13 5	...	...	9 12	10 14	14 4	14 4	...	...	...	...	...	...	...	...	15 12	15 15	...	...	...	...	68 9	96 0	9 12	9 0
Rajshahye	15 12	15 0	26 4	26 4	10 8	11 4	12 0	12 12	...	...	...	...	...	...	...	...	19 12	19 8	...	...	18 8	18 8	240 0	240 0	9 0	9 0
Maldah	15 8	15 0	...	...	10 0	10 0	12 8	12 8	...	...	...	...	...	...	...	...	18 0	18 0	...	...	...	...	160 0	160 0	9 0	9 8
Northern—																										
Rungpore	14 8	14 8	...	...	10 5	10 5	14 8	14 8	...	...	...	...	...	...	...	...	13 0	13 0	...	...	12 4	12 4	120 0	120 0	9 6	9 6
Dinagepore	13 8	13 8	25 0	25 4	12 0	12 0	14 8	13 12	...	...	...	...	...	...	...	...	14 8	15 4	...	...	18 0	18 0	160 0	160 0	10 0	10 0
Jalpaiguri	12 0	11 0	16 0	16 0	8 0	8 0	13 0	12 10	...	...	...	...	...	...	...	...	13 0	13 0	...	...	10 0	10 0	128 0	128 0	9 0	9 0
Darjeeling	10 0	10 0	6 0	10 0	5 0	6 0	11 0	11 0	...	...	...	...	12 0	12 0	...	...	11 0	11 0	18 0	18 0	...	8 0	120 0	120 0	7 0	7 0
Orissa—																										
Pooree	9 5	9 5	...	...	10 8	11 13	14 7	14 7	...	...	...	...	...	...	...	...	15 12	15 12	...	...	14 7	14 7	80 0	80 0	9 13	9 13
Cuttack	11 13	10 8	...	...	10 8	10 8	14 7	13 2	...	...	...	...	...	...	...	...	18 6	19 11	...	...	15 12	13 2	80 0	80 0	11 0	8 0
Balasore	16 0	16 0	13 0	13 0	13 0	13 0	17 0	17 0	...	...	...	...	...	...	...	...	14 0	14 0	...	...	...	...	160 0	160 0	9 0	9 0
Chota-Nagpur—																										
Singbhoom	10 0	10 0	20 0	12 0	16 0	16 0	20 0	20 0	...	...	...	...	...	...	...	...	10 0	10 0	20 0	22 0	12 0	14 0	200 0	200 0	7 0	7 0
Manbhoom	12 0	12 0	...	...	11 8	12 0	14 8	17 0	...	...	...	...	...	...	...	...	14 0	13 8	...	...	14 0	14 0	200 0	200 0	9 0	8 0
Lohardugga	8 0 to 10 12	10 0	8 8	...	12 0	12 0	14 0	14 0	...	...	...	...	30 0	26 10	...	...	11 8	10 8	17 0	17 0	12 4 to 14 8	14 0	140 0	140 0	7 8	7 8
Hazaribagh	12 0	12 4	...	12 0	8 0	8 0	14 0	14 0	†	†	†	†	21 6	20 0	†	†	14 8	15 0	16 0	16 0	15 0	14 0	320 0	[illegible]	8 0	8 0

(a) R1-4 per 100 cobs.

* Not sold.

† Not procurable.

QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.

Districts.	Wheat.		Barley.		Rice, best sort.		Rice, common.		Jowar or cholum (*Sorghum vulgare*).		Bajra or cumbu (*Pennisetum typhoideum*).		Marua or ragi (*Eleusine coracana*).		Kangni or kakun, Italian millet (*Setaria italica*).		Gram, chenna, chola, kadalay or bunaga (*Cicer arietinum*).		Maize (*Zea Mays*).		Arhar, or tur, cadjan pea (*Cajanus indicus*).		Firewood.		Salt.	
	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Bengal—*continued.*																										
Behar, south—																										
Monghyr	16 12	16 12	17 14	17 4	10 8	10 8	11 14	12 1	...	...	...	...	...	...	...	8 7	18 14	19 2	21 0	16 12	17 13	16 13	126 0	126 0	9 14	9 14
Gya	15 8	15 8	18 0	19 8	9 0	8 4	12 8	12 8	...	...	...	...	...	...	11 0	11 0	17 8	18 0	...	...	17 0	18 0	200 0	200 0	9 2	9 2
Patna	16 0	16 8	21 0	18 8	10 0	10 0	13 8	13 4	17 0	19 0	...	...	...	...	14 0	11 0	20 0	20 0	18 0	18 0	21 0	20 8	130 0	130 0	9 8	9 8
Shahabad	14 0	14 8	17 0	18 4	9 0	8 8	12 8	12 8	...	...	...	...	...	...	...	...	18 0	17 12	...	...	13 0	12 0	120 0	120 0	10 0	10 0
Behar, north—																										
Purneah	14 0	16 0	...	...	11 0	11 0	13 0	11 8	...	...	...	...	...	...	...	...	...	18 0	...	...	...	16 0	120 0	120 0	...	9 0
Bhágalpur	15 12	15 12	17 10	17 10	10 11	11 6	12 10	12 10	..	...	...	...	...	...	...	...	17 10	17 10	17 10	16 6	17 10	17 10	164 0	164 0	10 1	10 1
Durbhunga	15 5	13 4	18 8	17 4	9 2	9 2	13 6	12 8	...	...	...	...	17 2	17 2	...	...	18 4	17 2	...	17 2	18 4	18 4	140 0	140 0	10 13	10 8
Mozufferpore	14 0	13 0	16 0	16 0	9 0	9 0	11 0	12 8	...	...	...	...	...	...	...	...	16 0	16 0	16 0	16 0	18 0	17 0	160 0	160 0	10 0	10 0
Sarun	14 8	14 12	17 8	18 4	8 4	8 8	11 2	11 14	...	...	...	...	...	19 0	10 0	10 0	17 9	18 4	17 4	17 12	19 12	20 0	160 0	160 0	10 0	10 0
Champarun	13 8	14 0	15 8	17 8	8 0	8 0	10 0	11 0	...	...	...	...	17 0	...	...	...	15 0	16 0	15 0	15 0	16 8	16 8	160 0	160 0	10 0	9 8
N.-W. Provinces—																										
Eastern—																										
Mirzapur	13 0	13 0	17 0	17 0	7 0	7 0	11 0	11 0	16 0	15 0	15 0	14 8	14 0	15 0	12 0	12 0	17 0	17 0	16 0	16 8	19 0	19 0	90 0	90 0	10 0	10 0
Benares	14 10	14 10	19 0	17 14	9 3	9 3	11 6	11 6	16 8	13 13	14 14½	14 10	...	...	12 0	11 8	18 11	18 2	19 0	17 4	19 4	19 4	120 0	120 0	10 6½	10 6½
Ghazipur	15 7	15 7	18 10	18 10	6 7	6 7	11 0	11 0	15 7	15 7	14 3	14 3	...	...	12 14	12 14	20 0	20 0	18 0	18 0	20 0	20 0	154 8	154 0	9 10	9 10
Jaunpur	14 0	14 0	21 0	21 0	7 0	7 0	12 0	12 0	...	..	...	...	...	...	...	...	21 0	21 0	...	...	21 0	21 0	140 0	140 0	8 8	8 8
Allahabad	14 0	14 0	18 12	18 8	7 0	7 0	10 0	10 0	...	...	16 0	16 0	...	...	...	...	20 0	20 0	16 0	16 0	20 0	20 0	120 0	120 0	10 0	10 0
Central—																										
Bánda	14 8	14 4	19 8	18 8	7 0	7 0	10 12	10 8	...	...	...	...	...	...	...	...	21 0	20 0	...	...	14 0	14 8	160 0	160 0	10 4	10 0
Futtehpur	14 8	14 4	20 0	19 0	10 4	10 4	10 12	10 12	...	...	...	...	...	...	...	...	21 8	20 8	...	...	23 12	22 4	160 0	160 0	10 4	10 8
Hamirpur	16 0	15 12	21 14	19 8	9 0	9 0	10 15	10 4	19 8	16 0	17 4	16 0	...	...	...	...	24 2	23 4	...	...	26 7	23 0	140 0	140 0	10 8	10 5
Jalaun	15 0	16 0	19 0	20 0	9 0	9 0	10 0	10 0	18 0	18 0	17 0	17 0	15 0	12 0	16 0	16 0	21 0	22 0	18 0	18 0	21 0	22 0	140 0	140 0	10 0	10 0
Cawnpore	16 0	15 12	22 0	22 0	8 0	8 8	11 8	12 0	23 0	19 0	21 0	19 0	...	...	23 0	21 0	22 8	22 12	24 0	23 0	23 8	23 4	150 0	150 0	12 0	12 0
Etáwah	16 8	16 0	20 4	20 0	5 8	5 8	9 8	9 8	18 0	18 8	17 0	17 12	14 12	14 0	14 0	13 0	23 0	22 8	19 0	18 0	26 0	26 0	80 0	100 0	10 8	10 8
Farukhabad	15 4	14 12	21 4	21 0	6 8	6 4	9 8	9 0	...	...	...	...	...	...	...	...	25 8	23 0	...	...	25 8	25 8	110 0	130 0	10 6	10 8
Mainpuri	17 0	16 6	23 4	22 4	4 8	4 8	12 0	11 8	...	...	...	...	...	...	...	...	25 10	25 2	...	...	28 0	26 2	160 0	160 0	11 0	11 2
Etah	17 4	16 12	25 0	24 8	7 8	7 8	10 8	10 8	18 0	16 0	16 0	13 0	...	...	10 0	10 0	28 0	28 0	...	16 0	20 0	20 8	160 0	160 0	11 0	11 0
Western—																										
Lalitpur	14 8	14 6	20 0	20 0	9 0	9 0	10 0	10 0	17 0	17 0	14 0	15 0	17 0	18 0	16 0	15 0	17 8	17 8	17 0	17 0	12 0	12 0	160 0	160 0	10 0	10 0
Kálpi	14 8½	15 7	21 0½	21 15	7 9	7 14	11 5	11 8	18 12	19 9	17 12	18 9	...	...	...	...	18 12½	19 2	...	...	21 0	21 0	180 0	180 0	10 8	10 8
Agra	14 8	14 8	19 8	19 8	5 0	5 0	9 0	9 0	20 0	20 0	18 8	18 8	...	...	17 0	17 0	22 0	21 8	22 0	20 0	17 8	17 8	100 0	100 0	11 8	11 8
Mathra	15 0	14 8	21 8	21 0	7 0	7 0	10 0	10 0	18 0	18 0	18 0	18 8	...	...	8 0	8 0	22 0	22 8	20 0	20 0	27 8	27 8	120 0	120 0	11 4	11 4
Aligarh	16 6	16 0	22 12	22 8	5 8	5 8	10 0	10 4	21 0	19 0	17 0	17 0	...	...	14 8	14 8	23 12	23 12	28 8	28 8	30 0	30 0	130 0	130 0	11 8	11 8
Bulandshahr	16 14	17 0	25 8	25 8	6 0	7 0	9 0	10 8	20 0	18 0	18 0	19 0	...	...	16 0	16 0	25 8	25 0	27 0	26 8	20 0	20 0	120 0	120 0	11 4	11 0
Meerut	17 0	16 4	25 8	25 8	5 8	5 8	11 0	11 0	20 0	20 0	20 0	20 0	14 0	14 0	14 0	14 0	22 8	22 4	22 0	22 0	25 8	24 0	100 0	100 0	11 4	11 4
Sub-montane—																										
Dehra	14 4	14 4	18 0	18 0	9 2	9 0	13 0	13 3	...	...	...	...	...	...	...	...	19 4	19 4	...	...	19 8	19 6	155 0	155 0	10 6	10 6
Azimgarh	12 8	12 8	18 8	19 3	7 6	8 14	11 1	12 8	...	...	...	...	...	...	...	...	18 8	19 3	...	...	13 10	14 0	177 8	177 8	9 12	9 12
Goruckhpur	13 10	13 6	19 4	20 13	8 12	9 0	11 12	11 4	...	...	...	...	...	...	11 10½	14 6½	20 0	20 0	...	...	20 0	20 12	140 0	140 0	10 6½	10 10½
Basti	15 8	16 0	22 0	22 0	...	...	22 0	22 0	10 0	11 0	...	...	16 0	16 0	7 0	8 0	22 0	22 0	19 0	19 0	21 0	21 0	140 0	140 0	9 8	10 0
Shahjahanpur	17 8	17 0	27 0	26 8	8 8	8 8	14 0	14 0	...	...	...	...	...	...	20 0	18 0	26 8	25 8	...	...	26 8	26 0	160 0	160 0	10 0	10 0
Budaun	17 4	17 4	25 8	26 0	6 0	6 0	11 0	11 0	...	12 0	...	...	...	...	...	...	26 4	25 8	20 0	16 0	32 0	31 0	160 0	160 0	10 12	10 8
Pilibhit	15 8	15 0	30 0	30 0	11 4	11 4	11 14	11 9	20 0	16 4	...	...	...	...	...	...	22 0	21 4	27 8	25 0	24 0	25 0	150 0	150 0	11 4	10 8

Bareilly	14 11	14 6	23 2	21 4	5 6	5 6	[illegible]	[illegible]	[illegible]	[illegible]	22 0	16 8	17 0	...	...	15 0	10 0	23 4	24 6	25 6	22 4	26 4	26 4	100 0	100 0	10 0	10 0
Moradabad	16 4	16 14	26 8	27 0	6 4	7 13	11 4	11 8	21 0	22 0	16 8	17 0	...	...	15 0	10 0	23 4	24 6	25 6	22 4	26 4	26 4	100 0	100 0	10 0	10 0
Tarai	16 4	16 4	30 0	30 0	7 8	7 8	11 14	11 14	15 0	15 0	12 5	15 0	...	...	20 0	15 0	21 4	21 4	25 0	22 4	26 4	26 4	100 0	100 0	10 0	10 0
Bijnor	16 14	16 10	27 9	27 0	9 0	9 4	11 13	11 4	16 14	14 10	...	...	...	...	...	...	24 3	23 10	...	...	25 14	25 14	135 0	135 0	10 11	10 11
Muzaffarnagar	17 10	17 10	28 10	28 10	6 9	6 9	11 0	11 0	22 0	22 0	17 10	15 5	17 10	17 10	16 8	16 8	26 5	25 4	22 0	17 10	14 5	14 4	132 0	132 0	11 0	11 0
Saháranpur	17 3	17 12	25 11	26 13½	7 8½	7 8	9 11	9 11	17 3	18 4½	21 8	21 8	21 8	21 8	21 8	21 8	24 11½	25 13	27 13	27 15	18 4½	18 5	107 8	129 0	10 12	10 12
Dehra Dún	16 0	15 8	27 0	26 8	6 8	6 8	10 0	10 0	18 0	18 0	18 0	18 0	21 0	21 0	...	...	20 0	19 8	18 0	18 0	16 0	16 0	160 0	160 0	10 8	10 8
Kumaun	13 0	14 0	16 0	16 0	8 0	10 0	9 0	10 8	...	...	...	...	16 0	16 0	16 0	16 0	12 0	12 0	14 0	16 0	10 0†	10 0†	160 0	160 0	8 0	8 0
Garhwal	19 0	19 0	22 8	22 8	7 12	7 12	10 12	10 12	...	...	...	...	25 0	25 0	...	...	11 14	11 14	...	...	8 8	8 8	180 0	180 0	7 8	7 8
Oudh—																																
Southern—																																
Partábgarh	14 14	15 0	21 0	20 0	10 9	11 0	12 0	12 0	...	...	...	...	...	...	...	...	20 4	20 4	...	...	14 8	14 8	180 0	180 0	9 10	9 8
Sultánpur	14 0	14 0	21 0	21 0	9 0	9 0	12 8	13 0	19 0	19 0	16 0	16 0	24 0	24 0	20 0	20 0	23 0	22 0	16 0	16 0	20 0	20 0	160 0	160 0	10 0	10 0
Rae-Bareli	15 0	15 0	20 0	20 0	7 0	7 0	12 8	12 8	18 0	18 0	14 0	14 0	22 0	22 0	16 0	16 0	26 0	25 0	16 0	16 0	24 0	24 0	180 0	180 0	10 0	10 0
Unao	16 0	15 0	22 0	21 0	8 0	8 0	11 0	11 0	17 0	17 0	16 0	16 0	...	...	16 0	16 0	24 0	24 0	22 0	22 0	18 0	16 0	160 0	160 0	10 12	10 12
Lucknow	15 0	15 0	22 0	22 8	6 0	6 0	11 2	11 0	18 0	17 0	19 0	19 8	...	...	20 0	19 0	21 14	21 8	19 0	19 8	24 0	23 8	120 0	120 0	10 8	10 8
Hardoi	17 8	16 4	23 0	23 8	7 0	7 0	13 0	13 0	...	...	...	...	...	...	...	...	26 8	26 0	...	...	14 0	14 0	120 0	120 0	10 0	10 0
Northern—																																
Fyzabad	13 12	14 2	21 0	20 0	10 0	10 0	11 8	12 0	15 0	14 8	16 0	16 0	13 0	13 0	14 0	14 0	22 0	22 0	18 0	17 8	20 0	20 8	120 0	120 0	10 0	10 0
Barabanki	15 0	15 0	20 0	20 0	9 4	7 0	10 4	11 0	20 0	16 0	16 0	16 0	16 0	20 0	16 0	16 0	23 8	23 0	16 0	16 0	22 0	24 0	120 0	120 0	10 0	10 0
Gonda	16 0	16 0	20 8	20 8	10 8	10 8	11 8	11 8	18 0	18 0	17 0	17 0	20 0	20 0	15 0	15 0	20 12	20 12	18 0	18 0	24 0	24 0	200 0	200 0	10 8	10 8
Bahraich	16 0	16 0	21 0	22 0	10 0	10 0	12 0	12 0	19 0	20 0	...	...	...	...	7 0	7 0	21 0	22 0	19 0	20 0	23 0	23 0	120 0	120 0	10 0	10 0
Sitapur	17 4	17 4	25 8	24 8	8 0	8 0	12 0	12 0	20 0	20 0	20 0	16 0	24 0	24 0	21 0	16 0	26 0	26 0	24 0	16 0	25 0	24 8	160 0	160 0	10 8	10 8
Kheri	17 4	17 8	26 0	26 0	8 0	8 0	13 0	13 0	24 0	24 0	18 0	18 0	26 0	26 0	16 0	16 0	26 0	26 0	24 0	24 0	26 0	26 0	140 0	140 0	11 0	10 0
Rajputana—																																
Eastern—																																
Partábgarh	15 0	15 0	9 6	...	6 14	6 4	7 13	7 8	16 4	15 10	...	...	...	...	...	...	15 15	15 5	16 4	15 0	...	...	...	...	13 8	13 8
Bánswára	15 15	15 10	16 4	16 4	6 4	6 4	12 8	10 0	...	...	...	...	...	...	...	...	15 0	15 0	17 8	17 8	10 10	10 0	...	...	8 12	8 4
Meywar (Oodeypore)	10 15	10 8½	13 10½	12 14½	7 6½	7 0½	7 13	7 13	10 8½	11 5½	10 15	10 15	*Nil*	*Nil*	10 2½	9 12½	13 4½	12 8	11 5½	11 15½	9 12½	9 6	160 0	160 0	8 9½	8 3½
Sirohi	11 8	11 8	16 0	18 8	6 0	7 0	7 0	8 0	13 0	14 0	13 0	13 0	...	...	19 0	19 0	9 0	10 8	13 8	12 8	10 8	13 0	160 0	160 0	10 8	10 8
Erinpura	13 15	13 4	18 1	18 1½	...	...	8 0	8 0	17 0	17 0	14 8	15 5	...	...	...	...	19 0	17 13	...	...	...	...	260 0	260 0	12 0	11 13
Ajmere	14 8	13 8	19 8	19 0	3 0	3 0	8 0	8 0	18 0	18 0	15 0	15 0	...	...	...	...	18 8	18 8	17 0	17 0	...	...	80 0	80 0	12 0	12 0
Abu	12 4	11 14	15 12	15 8	6 0	6 4	7 0	7 0	...	...	13 0	13 0	...	...	...	...	15 8	15 8	14 8	14 8	10 4	10 0	...	...	11 0	11 0
Kishengarh	15 4	15 4	19 8	20 0	9 0	9 0	10 0	10 0	19 0	18 0	15 8	15 8	...	...	...	...	19 0	18 8	17 4	16 0	...	...	...	...	13 0	13 0
Bundee	17 4	17 4	25 0	25 8	7 8	7 8	8 0	8 0	24 0	24 0	...	...	...	...	...	...	24 0	24 0	...	...	...	...	160 0	160 0	10 0	10 0
Kotah	17 0	17 0	20 0	20 0	6 8	6 8	7 8	7 8	22 8	22 8	11 0	11 0	...	...	...	...	22 0	22 0	12 0	12 0	15 0	17 0	240 0	240 0	10 0	10 0
Jhalláwar	15 12	14 15½	19 14	19 5	7 1	7 1	8 14	8 14	22 9	19 14	15 3	15 3	...	...	8 14	7 12	21 11½	20 4	22 2	17 2½	10 3	10 3	175 0	175 0	9 6	9 6
Tonk	16 0	16 0	21 4	21 2	7 8	7 12	8 0	8 1½	24 8	24 6	...	...	...	...	...	...	19 4	18 10	...	...	...	...	80 0	80 0	10 10	10 3
Jeypore	15 12	15 8	22 0	21 8	4 12	4 12	7 4	7 4	21 8	20 8	20 0	19 8	...	...	13 8	13 8	18-4 to 20 12	16-4 to 20 12	23 8	21 8	24 0	24 0	110 0	115 0	12 0	12 0
Kerauli	15 6	15 5	20 0	20 9	10 0	10 0	11 4	11 4	20 0	20 10	17 8	20 6	...	...	12 8	12 8	20 6	20 5	...	...	28 2	28 12	185 0	200 0	9 14	10 10
Dholpur	14 7	14 3	19 7	20 11	9 9	9 9	10 11	10 11	16 15	17 0	19 0	17 4	...	...	13 8	13 8	23 5	22 12	...	...	31 6	30 11	90 0	90 0	11 8	11 8
Bhartpur	15 2	15 6	20 8	20 12	7 12	7 12	9 8	9 8	19 8	19 8	19 8	19 8	...	...	11 4	11 4	21 0	21 0	20 0	22 0	27 0	22 0	160 0	160 0	11 8	11 8
Alwar	16 4	16 9	21 9	21 6	7 12	7 12	9 11	9 11	21 8	21 8	20 0	20 0	...	...	12 0	12 0	21 15	21 10	22 15	21 5	29 2	29 11	200 0	200 0	12 8	12 8
Deoli Cantonment	16 2½	16 5	22 6	21 15	4 0	4 0	7 0	8 0	23 0	22 0	16 4	16 4	...	...	...	...	20 3	19 8½	...	...	...	...	220 0	220 0	10 12	10 9
Nasirabad Cantonment	15 8	15 8	19 8	19 8	7 5½	7 0	8 5½	8 0	17 0	17 0	16 14	16 0	...	...	10 0	10 0	19 15	19 8	18 0	18 0	12 0	12 0	95 0	95 0	12 4	12 4
Hilly Tracts of Meywar	12 0	12 0	13 0	13 8	...	...	10 0	10 8	...	...	...	...	...	...	...	...	12 0	12 8	14 0	14 0	...	...	‡	‡	11 0	11 0
Bálmer	9 12	9 12	...	...	5 0	5 0	7 8	7 8	...	...	11 4	11 12	...	...	...	...	11 6	11 6	...	...	...	...	260 0	260 0	11 12	11 6
Asódra	12 12	12 8	17 8	17 0	6 0	6 4	8 0	8 0	...	...	14 0	14 0	...	...	...	...	15 4	15 0	14 8	14 8	10 0	10 0	...	...	12 0	12 0
Shahpura	16 6	17 8	21 8	21 8	8 12	7 8	11 0	10 0	20 0	20 0	19 0	17 0	...	...	...	...	19 0	18 0	20 0	18 0	...	...	160 0	160 0	10 12	10 7
Western—																																
Jodhpur	13 2	13 7	17 8	18 7	6 4	6 4	7 8	7 8	13 12	13 2	13 12	14 1	...	...	...	...	16 4	16 9	15 0	15 0	...	...	...	...	12 8	12 8
Jaisalmer	10 10	10 8	...	...	7 12	7 12	9 4	9 4	12 12	12 10	11 10	11 6	...	...	...	...	10 4	10 4	...	...	...	...	...	...	21 0	21 0
Bíkaner	12 0	12 8	...	...	2 14½	2 14	6 2	6 4	...	...	12 12	13 0	...	...	...	...	14 0	15 0	...	...	8 0	8 0	100 0	100 0	12 8	12 8
Central India—																																
Indore	13 12	13 8	13 0	13 0	8 0	8 0	9 0	9 0	20 0	20 0	17 0	17 0	§	§	§	§	17 0	16 8	20 0	20 0	14 0	14 0	120 0	120 0	10 4	10 4
Mhow Cantonment	13 8	13 8	21 0	20 12	7 0	7 0	9 8	9 8	18 4	18 0	14 8	14 0	...	...	...	...	19 11	19 8	17 8	17 8	18 8	18 8	160 0	160 0	12 0	12 0
Baghelkhand (Satna)	16 0	16 0	20 0	21 0	8 0	8 0	12 12	13 12	§	...	§	...	§	...	§	...	18 0	17 8	§	...	20 0	21 0	160 0	160 0	10 8	10 8
Gwalior	17 12	17 0	15 0	15 0	8 0	8 0	8 8	8 8	22 0	20 0	...	...	...	...	...	...	22 4	22 8	...	...	...	...	200 0	200 0	9 8	10 0
Gwalior	12 9	12 13	18 2	18 10	6 2	6 6	7 4	7 4	14 3	14 8	13 6	13 9	...	...	9 1	9 1	18 2	18 6	13 10	13 9	22 0	22 11	145 0	145 0	10 4	10 4

† For husked grain. ‡ Six pies per bundle. § Not sold.

QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.

Districts.	Wheat.		Barley.		Rice, best sort.		Rice, common.		Jowar or cholum (*Sorghum vulgare*).		Bajra or cumbu (*Pennisetum typhoideum*).		Marua or ragi (*Eleusine coracana*).		Kangni or kakun, Italian millet (*Setaria italica*).		Gram, chenna, chola, kadalay or sunaga (*Cicer arietinum*).		Maize (*Zea Mays*).		Arhar, or thur, cadjan pea (*Cajanus indicus*).		Firewood.		Salt.	
	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Punjab—																										
Southern—																										
Hissar	17 0	18 0	24 0	25 0	...	...	10 0	10 0	19 0	22 0	18 0	20 0	†	†	†	†	23 0	25 0	17 0	17 0	†	†	110 0	110 0	10 8	10 12
Ferózepore	19 0	19 0	30 0	30 0	...	...	9 0	9 0	24 0	20 0	16 0	16 0	†	†	16 0	16 0	28 0	27 0	19 0	18 0	11 0	11 0	100 0	100 0	13 0	13 14
Montgomery	18 0	18 0	24 0	23 0	...	...	9 0	9 0	18 0	18 0	15 0	15 0	‡	‡	28 0	28 0	24 0	24 0	16 0	16 0	12 0	12 0	200 0	200 0	11 0	11 0
Central—																										
Gurgaon	16 0	17 0	24 0	24 0	...	...	9 0	11 0	24 0	19 0	21 0	20 0	†	†	†	†	23 0	23 0	22 0	20 0	20 0	20 0	130 0	130 0	11 0	11 0
Delhi	17 0	17 0	23 0	23 0	...	...	10 0	10 0	21 0	21 0	18 0	17 0	†	†	12 0	12 0	22 0	23 0	20 0	20 0	25 0	25 0	80 0	80 0	11 0	11 0
Rohtak	17 0	17 0	24 0	25 0	...	...	10 0	10 0	24 0	24 0	20 0	20 0	†	†	16 0	16 0	24 0	25 0	16 0	16 0	20 0	20 0	120 0	120 0	10 0	10 0
Karnál	17 0	17 0	26 0	26 0	...	...	10 0	11 0	20 0	20 0	16 0	16 0	22 0	22 0	18 0	18 0	25 0	26 0	24 0	22 0	20 0	20 0	160 0	160 0	10 0	10 0
Lahore	18 0	18 0	32 0	30 0	...	...	9 0	9 0	22 0	24 0	16 0	16 0	‡	‡	22 0	20 0	28 0	27 0	16 0	24 0	12 0	12 0	95 0	95 0	12 0	12 0
Sub-montane—																										
Umballa	20 0	20 0	24 0	24 0	...	...	10 0	10 0	18 0	18 0	17 0	17 0	20 0	20 0	10 0	10 0	27 0	27 0	32 0	32 0	20 0	20 0	120 0	120 0	12 8	13 0
Ludhiána	22 0	21 0	32 0	32 0	...	...	10 0	10 0	27 0	27 0	23 0	23 0	†	†	21 0	21 0	29 0	29 0	32 0	32 0	14 0	14 0	110 0	110 0	12 8	12 8
Jullundur	20 0	20 0	30 0	30 0	...	...	8 0	8 0	24 0	20 0	20 0	20 0	*	*	20 0	20 0	28 0	27 0	32 0	32 0	*	*	90 0	90 0	12 8	12 8
Hoshiárpur	22 0	22 0	32 0	34 0	...	...	10 0	10 0	26 0	25 0	20 0	16 0	12 0	12 0	24 0	24 0	29 0	28 0	30 0	28 0	16 0	17 0	100 0	100 0	12 12	12 12
Gurdáspur	22 0	22 0	28 0	28 0	...	...	12 0	12 0	18 0	18 0	14 0	14 0	†	†	12 0	12 0	24 0	24 0	22 0	22 0	10 0	10 0	120 0	120 0	13 0	13 0
Amritsar	21 0	20 0	30 0	29 0	...	...	10 0	9 0	27 0	24 0	15 0	14 0	†	†	25 0	23 0	27 0	28 0	26 0	23 0	†	†	90 0	90 0	13 0	13 0
Hills—																										
Simla	13 0	13 0	20 0	19 0	...	...	8 0	8 0	15 0	15 0	11 0	11 0	22 0	20 0	8 0	8 0	16 0	15 0	19 0	19 0	9 0	9 0	60 0	60 0	8 8	8 8
Kángra	19 0	19 0	28 0	28 0	...	...	12 0	12 0	14 0	15 0	10 0	10 0	25 0	25 0	8 0	8 0	20 0	21 0	24 0	25 0	12 0	12 0	100 0	100 0	10 0	10 0
North-western—																										
Siálkote	21 0	21 0	30 0	30 0	...	...	11 0	11 0	22 0	22 0	22 0	22 0	‡	†	19 0	19 0	27 0	26 0	22 0	21 0	12 0	12 0	160 0	160 0	13 0	13 0
Gujránwála	19 0	19 0	35 0	35 0	...	...	9 0	11 0	23 0	20 0	16 0	16 0	‡	‡	20 0	20 0	28 0	29 0	21 0	20 0	‡	‡	105 0	100 0	13 0	13 0
Gujrát	22 0	22 0	34 0	33 0	...	...	10 0	10 0	23 0	20 0	20 0	20 0	‡	†	12 0	12 0	27 0	27 0	23 0	20 0	‡	‡	120 0	120 0	14 0	13 8
Jhelum	21 0	22 0	31 0	32 0	...	...	8 0	9 0	24 0	22 0	20 0	21 0	†	†	*	†	27 0	26 0	22 0	22 0	†	†	160 0	160 0	14 0	14 0
Ráwalpindi	21 0	20 0	36 0	35 0	...	...	11 0	11 0	22 0	17 0	18 0	16 0	*	†	15 0	16 0	25 0	24 0	24 0	20 0	20 0	20 0	85 0	90 0	13 4	13 8
Hazára	22 0	21 0	37 0	34 0	...	...	11 0	11 0	‡	‡	12 0	12 0	†	†	12 0	12 0	21 0	20 0	22 0	22 0	†	†	90 0	90 0	10 8	11 0
Peshawar	21 0	21 0	44 0	43 0	...	...	10 0	10 0	40 0	28 0	15 0	15 0	†	†	19 0	20 0	22 0	21 0	30 0	29 0	22 0	21 0	105 0	100 0	38 0	40 0
Kohát	22 0	24 0	41 0	45 0	...	...	11 0	11 0	26 0	30 0	18 0	20 0	†	†	*	*	23 0	23 0	20 0	23 0	†	†	125 0	125 0	56 0	56 0
Western—																										
Shahpur	22 0	24 0	32 0	35 0	...	...	10 0	9 0	21 0	22 0	20 0	22 0	20 0	20 0	20 0	20 0	30 0	30 0	20 0	22 0	*	*	240 0	240 0	13 0	13 0
Jhang	20 0	20 0	28 0	29 0	...	...	10 0	10 0	20 0	16 0	16 0	16 0	20 0	20 0	20 0	18 0	20 0	18 0	16 0	20 0	‡	10 0	240 0	240 0	12 0	12 0
Múltán	15 0	15 0	22 0	22 0	...	...	10 0	10 0	25 0	24 0	19 0	18 0	†	†	25 0	24 0	22 0	21 0	25 0	24 0	†	†	100 0	100 0	13 0	12 0
Bannu	29 0	29 0	39 0	37 0	...	...	11 0	11 0	23 0	20 0	18 0	14 0	10 0	8 0	10 0	8 0	31 0	31 0	33 0	31 0	13 0	13 0	60 0	60 0	40 0	40 0
Dé'l. Khán	21 0	21 0	32 0	36 0	...	...	7 0	7 0	22 0	15 0	19 0	16 0	‡	‡	6 0	6 0	27 0	26 0	16 0	16 0	14 0	14 0	112 0	112 0	42 0	40 0
Muzaffargarh	17 0	17 0	25 0	25 0	...	...	13 0	13 0	16 0	20 0	16 0	20 0	‡	‡	‡	‡	19 0	19 0	‡	‡	11 0	11 0	110 0	110 0	12 0	12 0
D. G. Khán	16 0	16 0	24 0	24 0	...	...	9 0	9 0	23 0	23 0	20 0	20 0	‡	‡	‡	‡	21 0	21 0	‡	‡	‡	‡	125 0	125 0	26 0	25 0
Sind and Baluchistan—																										
Karáchi	11 8	12 0	17 0	18 0	8 0	8 0	10 0	10 0	15 0	15 0	13 8	13 0	‡	‡	‡	‡	17 0	17 0	16 0	16 0	6 0	6 0	90 0	90 0	14 0	14 0
Hyderabád (Gidu Bandar)	12 8	12 8	15 0	15 8	6 8	6 0	9 8	9 8	18 0	17 8	14 8	14 8	...	...	...	...	14 8	14 8	...	...	...	...	160 0	160 0	11 8	11 8
Thatta and Párkar (Umarkot)	13 0	13 0	...	...	...	...	10 0	10 0	...	...	13 0	13 0	...	...	...	...	...	...	...	...	...	...	160 0	160 0	12 0	12 0
Shikárpur	14 0	14 0	21 8	23 0	8 0	9 0	12 0	12 0	21 0	20 0	18 0	19 0	...	...	...	...	18 0	19 0	...	...	10 8	10 8	160 0	160 0	12 8	12 8
Sukkur	12 8	12 8	19 8	19 8	8 4	8 0	9 8	9 8	19 8	19 8	18 8	18 8	...	...	...	...	17 8	17 8	...	...	9 8	9 8	140 0	140 0	11 8	11 8
British Sind Frontier	12 8	12 8	18 8	18 8	8 0	8 0	10 0	10 0	22 0	22 0	19 0	19 0	...	...	...	...	19 0	19 0	...	...	9 0	9 0	160 0	160 0	11 0	11 0
Kalát	12 4	12 8	15 12	15 12	5 0	5 0	7 14	7 14	16 8	17 0	...	‡	...	‡	...	‡	11 4	12 12	18 0	20 0	...	‡	64 0	64 0	8 8	9 0

Konkan—																												
Karwar	10 4	10 8	...	...	6 8	6 8	10 14	10 8	18 0	18 0	13 0	13 0	21 0	20 0	...	...	11 8	12 0	...	...	10 0	10 0	213 5	213 3	11 0	11 0
Ratnágiri	9 4	9 4	...	...	8 8	8 8	9 14	9 14	14 4	14 4	13 8	13 8	16 7	16 7	...	...	11 4	11 4	...	...	9 9	9 9	135 0	135 0	11 8	11 8
Colába (Alibág)	9 13	9 13	...	...	...	...	9 5	9 5	...	...	...	...	...	...	...	...	11 12	11 12	...	...	...	...	85 0	85 0	12 0	12 0
Bombay	10 0	10 0	16 5	17 0	7 2	6 15	10 10	10 7	16 0	15 7	13 9	13 9	17 14	17 13	11 4	11 4	14 4	14 7	18 5	18 5	7 6	6 15	72 13	72 13	12 3	12 3
Tanna (Salsette)	8 0	8 0	...	...	7 3	7 3	9 7	9 7	...	...	11 4	11 4	...	...	...	...	12 5	12 5	...	...	9 12	9 12	71 2	71 2	12 4	12 4
Deccan—																												
Dharwar (Hubli)	15 0	15 0	...	...	11 0	11 0	12 0	12 0	20 0	20 0	17 0	17 0	24 0	24 0	...	...	12 0	12 0	...	...	20 0	20 0	80 0	80 0	9 0	9 0
Belgaum	15 0	15 0	...	...	11 0	11 0	12 0	12 0	19 0	19 8	19 0	19 0	23 0	22 0	...	...	11 8	12 8	...	...	10 0	10 8	65 0	67 0	12 0	12 0
Satára	10 11	10 11	13 0	13 0	8 3	8 3	10 0	10 0	15 15	14 10	12 15	12 15	16 5	16 5	14 5	14 5	13 0	15 9	19 2	16 2	10 11	11 0	97 1	97 1	13 0	13 0
Sholápur	14 1	14 1	17 6	17 6	7 9	7 9	9 7	9 7	19 13	19 3	15 10	15 10	...	...	...	...	15 8	15 8	...	...	15 1	15 1	80 0	80 0	11 0	11 0
Bijápur	13 8	13 8	10 5	10 5	7 3	7 3	9 2	9 2	19 0	19 0	15 14	15 14	...	...	...	...	10 9	10 9	...	...	10 10	10 10	80 0	80 0	10 8	10 8
Poona (City)	11 8	11 8	13 10	13 10	8 13	8 13	9 3	9 3	13 13	15 4	13 13	12 10	16 10	16 6	...	...	12 10	12 10	...	...	14 6	14 6	60 13	60 13	10 14	11 15
Khandesh—																												
Ahmedhagar	12 8	12 8	...	...	7 6	7 6	8 3	8 3	14 8	14 8	12 8	12 8	...	...	...	...	12 4	12 4	...	...	14 2	14 2	91 7	91 7	11 6	11 6
Násik	14 1	14 1	...	...	9 0	9 0	10 8	10 8	...	...	14 1	14 1	14 3	14 5	...	...	13 6	12 15	...	...	10 1	10 1	93 8	106 8	13 8	13 8
Khandesh (Dhulia)	12 7	11 2	...	...	7 8	7 8	9 6	9 6	15 7	15 7	15 0	13 0	...	...	10 14	10 14	11 13	11 13	...	...	...	...	106 0	106 0	10 8	10 8
Guserat—																												
Surat	10 0	10 0	12 0	12 0	6 0	6 0	8 0	8 0	15 0	15 0	14 0	14 0	...	...	6 0	6 0	11 0	10 0	...	...	14 0	14 0	90 0	100 0	13 0	13 0
Broach	10 8	10 8	...	...	7 8	7 8	10 0	10 0	17 0	17 0	13 4	13 4	...	...	...	...	10 8	10 8	...	...	13 4	13 4	90 0	90 0	12 12	12 12
Kaira	13 5	13 5	20 0	18 13	7 7	7 7	9 11	9 11	15 4	14 8	14 8	14 3	16 0	16 0	...	...	12 12	12 5	...	...	...	...	90 0	90 0	13 5	13 5
Baroda Camp (Sadar Bazar)	9 2	9 2	12 9	12 9	6 4½	6 4½	6 15	6 15	14 14	14 14	13 11	13 11	15 6	15 6	...	...	9 9½	9 9½	...	...	9 2	9 2	80 0	80 0	10 13½	10 13½
Ahmedábad (Daskrohi)	11 8	11 8	20 0	20 0	6 0	6 0	8 0	8 0	16 0	16 0	14 8	14 0	...	...	...	...	17 0	16 0	...	...	9 8	9 8	80 0	80 0	13 8	13 8
Panch Mahals (Godhra)	10 0	10 0	...	...	7 2	7 2	10 0	10 0	17 6	17 6	14 4	14 4	17 6	17 6	...	...	15 0	15 0	16 0	16 0	9 2	9 2	160 0	160 0	11 2	11 2
Deesa Cantonment	14 0	13 13	14 8	14 8	6 8	6 8	8 0	8 0	14 8	14 8	14 8	13 13	...	...	...	...	15 8	15 1	13 0	13 0	11 0	11 0	150 0	145 0	11 0	11 0
Kathiawar—																												
Rájkot	12 12	12 2	...	...	6 0	6 0	8 0	8 0	14 4	13 10	12 12	12 2	...	...	...	...	13 4	13 4	...	...	7 0	7 0	80 0	80 0	40 0	40 0
Central Provinces—																												
Western—																												
Nimár	13 8	13 8	...	...	7 8	7 8	10 9	10 9	19 1	19 1	...	...	...	...	...	...	...	...	...	...	9 14	9 14	120 0	120 0	10 13	10 13
Khandwa-Asirgarh Cant.	12 8	12 8	...	...	8 14	9 0	10 0	10 0	17 12	17 3	16 8	16 13	...	...	...	...	13 12	13 8	...	...	11 0	10 11	160 0	160 0	9 0	10 0
Hoshangábad	14 8	14 8	...	...	6 8	6 8	7 8	7 8	...	...	...	...	...	...	...	...	17 0	17 0	...	...	13 0	13 0	120 0	120 0	9 0	9 0
Betúl	15 0	15 0	...	...	...	...	10 0	10 0	17 7	17 7	...	...	...	...	...	...	16 0	16 0	...	...	9 11	9 11	320 0	320 0	7 9	7 9
Chhindwára	14 0	16 14	...	...	8 0	8 0	10 0	10 0	18 0	18 0	...	...	...	...	...	...	19 0	19 0	...	...	10 4	10 4	160 0	160 0	8 0	8 8
Nágpur	16 4	16 4	...	...	8 2	8 2	11 4	11 4	18 12	18 12	...	...	...	...	...	...	16 4	16 4	...	...	13 2	13 2	110 0	110 0	9 13	9 13
Wárdha	16 0	16 0	...	...	8 0	7 4	10 7	10 0	18 7	18 7	...	...	...	...	...	...	17 2	16 0	...	...	15 0	17 2	124 0	124 0	10 2	10 11
Central—																												
Narsinghpur	13 8	13 8	...	...	8 8	9 3	10 6	10 6	...	...	...	...	...	...	...	...	17 10	17 10	...	...	12 10	12 10	200 0	200 0	9 2	9 2
Saugor	14 9	14 9	...	...	8 4	8 4	9 4	9 4	...	...	...	...	...	...	...	...	16 8	19 0	...	...	11 7	11 7	140 0	140 0	9 10	9 1
Damoh	14 2	14 2	...	...	10 15	10 15	11 7	11 7	...	...	...	...	...	...	...	...	18 7	18 7	...	...	10 11	10 11	200 0	200 0	9 2	9 2
Jubbulpore	15 8	15 0	...	...	8 0	8 0	9 8	9 8	16 0	16 4	...	...	...	...	...	...	16 12	16 12	...	...	12 0	12 0	130 0	120 0	9 0	9 0
Mándlá	16 0	16 0	...	...	9 0	8 0	11 0	10 0	...	...	...	...	...	...	...	...	18 0	19 0	...	...	9 0	11 0	256 0	256 0	9 6	9 0
Seoni	17 4	16 9	...	...	9 5	9 5	12 2	12 2	...	...	...	...	...	...	...	...	19 8	19 8	...	...	10 15	10 15	200 0	190 0	9 2	9 2
Bálághát	17 1	15 12	...	...	11 13	10 8	14 0	14 0	...	...	...	...	...	...	...	...	15 10	15 10	...	...	12 8	11 4	192 0	192 0	8 0	8 0
Bhandára	16 4	15 0	...	...	...	...	11 12	11 12	...	...	...	...	...	...	...	...	17 8	16 4	...	...	12 8	12 8	180 0	190 0	9 2	9 2
Chánda	15 0	15 0	...	...	...	...	12 13	12 13	20 0	20 0	...	...	...	...	...	...	19 3	19 3	...	...	12 15	12 15	615 0	615 0	9 5	9 5
Eastern—																												
Bilaspur	17 12	...	...	...	10 2	10 2	13 8	13 8	...	...	...	...	...	...	...	...	13 10	...	...	...	14 4	14 4	96 0	96 0	9 0	9 0
Raipur	19 11	19 11	...	...	10 12	10 12	14 12	14 12	...	...	...	...	...	...	...	...	15 0	15 0	...	...	13 0	13 0	64 0	64 0	8 0	8 0
Sambalpur	12 4	11 6	...	...	11 6	11 6	16 10	14 0	...	...	...	...	...	...	...	...	9 12	9 12	...	...	8 0	8 0	160 0	160 0	8 12	8 5
Berar—																												
Buldána	15 0	15 0	...	...	8 0	8 0	10 0	10 0	19 0	18 0	16 0	16 0	...	...	...	...	13 0	13 0	...	...	10 0	10 0			9 0	9 0
Básim	17 2	17 1	...	...	8 6	8 6	10 8	10 13	22 12	22 10	24 0	24 0	...	...	...	...	18 0	18 0	...	...	13 8	13 8			9 8	10 0
Akola	14 0	14 0	...	...	6 8	6 8	8 0	8 8	16 0	16 0	13 0	13 0	...	...	...	...	16 8	16 8	...	...	17 0	17 0	§	§	10 8	10 8
Ellichpur	14 0	14 0	...	...	7 12	7 0	8 12	8 6	16 0	16 0	13 0	13 0	...	...	...	...	14 0	14 0	...	...	17 0	17 4			10 0	9 8
Amráoti	14 0	13 15	...	...	7 0	7 0	8 0	8 0	17 10	17 6	13 0	12 12	...	...	...	...	14 2	14 0	...	8 0	11 6	11 4			9 0	9 0
Wún	14 2	14 0	...	...	8 0	8 0	10 0	11 0	20 0	21 0	...	...	...	...	...	...	16 0	16 0	...	...	20 0	20 0			10 0	10 0
Hyderabad Territories—																												
Secunderabad	12 7	11 11	...	...	6 12	6 10	9 7	9 7	17 12	17 12	...	...	...	...	...	...	14 7	14 2	...	...	19 7	18 13	115 0	115 0	9 0	9 0
Bidar	12 14	12 14	...	...	7 1	7 5	8 6	8 4	19 15	19 15	...	...	...	...	...	...	15 9	15 9	...	...	...	...	116 14	116 14	9 0	9 0
Raichúr	10 0	10 0	...	...	7 0	7 0	9 8	9 0	20 0	19 0	20 0	19 0	...	...	...	...	14 12	13 8	...	...	...	...	120 0	120 0	9 8	9 8

QUANTITIES PER RUPEE IN SERS OF 80 TOLAS.

Districts.	Wheat.		Barley.		Rice, best sort.		Rice, common.		Jowar or cholum (*Sorghum vulgare*).		Bajra or cumbu (*Pennisetum typhoideum*).		Marua or ragi (*Eleusine coracana*).		Kangni or rakun, Italian millet (*Setaria italica*).		Gram, chenna, chola, kadalay or sunaga (*Cicer arietinum*).		Maize (*Zea Mays*).		Arhar or tur, cajan, pea (*Cajanus indicus*).		[illegible]		[illegible]
	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.	Present fortnight.	Past fortnight.
	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Madras—																										
Malabar Coast—																										
Malabar	8 10	8 10	...	...	11 5	11 5	12 3	12 3	*	*	*	*	20 6	20 6	...	...	...	...	...	...	...	...	136 [illegible]	136 [illegible]	[illegible]	[illegible]
S. Canara	8 2	8 2	...	...	10 10	10 10	11 5	11 5	*	*	*	*	21 13	21 13	...	...	...	...	...	...	...	...	128 [illegible]	128 [illegible]	11 11	[illegible]
South, central—																										
Coimbatore	11 8	11 8	...	...	12 10	12 10	13 10	13 10	21 11	21 11	25 6	25 6	26 3	26 3	...	...	...	...	...	...	...	...	133 10	133 10	[illegible]	[illegible]
Nilgiris	10 11	10 11	...	...	10 0	9 10	11 3	10 6	19 5	20 0	18 3	16 13	20 3	20 3	...	...	...	...	...	...	...	...	161 13	161 13	[illegible]	[illegible]
Salem	10 13	10 13	...	...	11 3	11 3	13 3	13 3	26 6	25 14	23 0	23 0	29 2	29 2	...	...	...	...	...	...	...	...	186 10	186 10	[illegible]	[illegible]
Central—																										
Bellary	13 6	13 6	...	...	11 13	11 13	13 5	13 5	28 10	28 2	21 10	21 10	34 0	34 0	...	...	...	...	...	...	...	...	97 3	97 3	11 14	[illegible]
Anantapur	11 8	11 8	...	...	12 13	12 13	14 0	14 0	30 14	30 14	25 6	25 6	31 0	31 0	...	...	...	...	...	...	...	...	194 6	194 6	16 11	[illegible]
Cuddapah	12 14	12 8	...	...	11 10	11 10	12 14	13 5	20 8	21 5	*	*	30 0	30 0	...	...	...	...	...	...	...	...	140 0	140 0	16 11	[illegible]
Kurnool	11 6	11 6	...	...	10 11	10 11	11 6	11 6	24 11	23 10	20 0	18 13	*	*	...	...	...	...	...	...	...	...	142 14	142 14	11 11	[illegible]
East Coast, north—																										
Ganjam	7 2	8 0	...	...	9 8	9 8	10 0	10 8	*	*	*	*	16 6	15 8	...	...	...	...	...	...	...	...	167 11	164 6	11 23	[illegible]
Vizagapatam	12 0	12 0	...	...	9 0	9 0	10 3	10 3	17 13	17 5	15 13	15 13	18 3	18 3	...	...	...	...	...	...	...	...	116 10	116 10	11 11	[illegible]
Godávari	9 14	10 13	...	...	13 6	13 6	14 8	14 8	23 0	23 0	22 14	21 2	25 8	21 13	...	...	...	...	...	...	...	...	243 0	243 0	12 0	[illegible]
East Coast, central—																										
Kistna	10 6	10 6	...	...	11 8	11 8	12 2	12 2	19 0	20 0	*	*	23 13	23 13	...	...	...	...	...	...	...	...	170 2	170 2	13 8	[illegible]
Nellore	10 10	10 10	...	...	12 3	12 3	13 3	13 3	22 11	22 11	*	23 8	27 13	27 13	...	...	...	...	...	...	...	...	93 5	93 5	12 13	[illegible]
East Coast, south—																										
Madras	10 13	10 13	...	...	11 6	11 6	12 10	12 14	*	*	*	*	25 11	25 10	...	...	...	...	...	...	...	...	92 6	92 6	[illegible]	[illegible]
Chingleput	*	*	...	...	12 0	12 0	12 13	12 13	*	*	17 3	17 3	24 11	24 11	...	...	...	...	...	...	...	...	122 8	122 8	[illegible]	[illegible]
N. Arcot	9 6	9 6	...	...	12 3	12 3	13 3	13 3	*	*	*	*	29 2	29 14	...	...	...	...	...	...	...	...	194 6	194 6	11 3	[illegible]
S. Arcot	8 10	8 10	...	...	13 2	13 2	14 0	14 0	20 3	20 3	21 10	21 10	22 5	22 5	...	...	...	...	...	...	...	...	209 0	209 0	10 11	[illegible]
Tanjore	8 13	8 13	...	...	13 11	13 6	*	*	*	*	23 3	23 3	26 6	26 6	...	...	...	...	...	...	...	...	166 2	166 2	12 8	[illegible]
Trichinopoly	8 14	8 14	...	...	11 14	11 14	12 5	12 5	21 0	19 10	20 5	20 5	24 14	24 14	...	...	...	...	...	...	...	...	143 8	143 8	10 7	[illegible]
Southern—																										
Tinnevelly	9 3	9 14	...	...	11 2	11 2	11 10	11 10	*	*	*	*	*	*	...	...	...	...	...	...	...	...	53 5	53 5	14 6	[illegible]
Madura	10 2	9 6	...	...	12 3	12 10	13 2	13 8	24 5	25 14	20 10	*	24 13	26 5	...	...	...	...	...	...	...	...	136 2	140 14	13 10	[illegible]
Mysore—																										
Mysore	10 0	9 8	10 0	10 0	9 0	9 0	10 0	10 0	28 0	27 0	18 0	17 8	30 0	29 8	...	...	10 0	10 8	...	...	10 8	10 8	[illegible]	[illegible]	[illegible]	[illegible]
Bangalore	10 0	10 8	10 8	11 0	9 8	8 8	10 0	9 8	23 0	23 0	...	...	32 0	31 0	...	...	11 8	11 8	...	...	13 8	13 8	[illegible]	[illegible]	[illegible]	[illegible]
Kolar	...	...	10 8	10 8	10 0	10 0	12 8	12 8	...	...	...	...	37 0	37 0	...	...	10 0	10 8	...	...	13 8	11 8	144 0	144 0	[illegible]	[illegible]
Tumkur	11 0	11 0	11 0	11 0	11 0	11 0	12 0	12 0	...	...	...	...	48 0	40 0	...	...	11 8	12 0	...	...	13 8	13 0	340 0	340 0	[illegible]	[illegible]
Hassan	...	...	11 0	11 0	11 0	11 0	13 0	13 0	...	...	...	...	38 0	38 0	...	...	12 0	12 0	...	...	8 0	12 0	[illegible]	[illegible]	[illegible]	[illegible]
Kadur	10 0	10 0	11 0	11 0	12 0	12 0	16 0	16 0	...	...	...	...	40 0	40 0	...	...	14 0	14 0	...	...	8 0	8 0	[illegible]	[illegible]	[illegible]	[illegible]
Shimoga	12 10	11 9	15 10	12 10	11 9	11 9	14 11	14 11	33 10	31 8	...	...	48 5	44 2	...	...	14 11	13 11	...	...	...	...	[illegible]	[illegible]	[illegible]	[illegible]
Chitaldrug	12 0	12 0	13 0	14 0	11 0	11 0	13 0	13 0	36 0	40 0	32 0	32 0	50 0	55 0	60 0	70 0	12 0	12 0	...	...	14 0	16 0	[illegible]	[illegible]	[illegible]	[illegible]
Coorg—																										
Coorg	9 0	9 0	8 0	8 0	10 0	10 0	12 8	12 8	...	...	...	...	33 0	35 0	...	...	19 8	19 0	...	...	...	...	[illegible]	[illegible]	[illegible]	[illegible]
Aden	8 0	8 0	...	...	6 3	6 3	8 0	8 0	10 3	10 3	9 4	9 4	...	...	...	...	9 4	9 4	...	...	5 9	5 9	[illegible]	[illegible]	[illegible]	[illegible]

* Not sold.

DEPARTMENT OF FINANCE AND COMMERCE,
(*Statistical Branch*).

E. J. SIMMONDS,
Secretary to the Government of India.

DEPARTMENT OF FINANCE AND COMMERCE.

Comparative Statement of the Net Indian Sea and Land Customs Revenue (excluding Salt Revenue) for the first five months of the official year 1889-90, and of the eighteen preceding years.

(IN THOUSANDS OF RUPEES.)

YEAR.	FOR THE FIVE MONTHS, APRIL TO AUGUST.																									YEAR.
	BENGAL.				BOMBAY.				SINDH.				MADRAS.				BURMA.				TOTAL BRITISH INDIA.					
	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	On Exports.	Total Revenue.	On Imports of Liquors.	On other Imports.	Total Import Revenue.	Export Revenue.	Total Revenue.	
1871-72 . . .	4,48	28,91	8,81	42,20	3.47	14,29	1,58	19,34	49	37	54	1,40	1,45	5,22	6,30	12,97	69	1,70	8,54	10,93	10,58	30,49	61,07	25,77	86,84	1871-72
1872-73 . . .	5,66	28,14	9,03	42,83	2,23	15,63	1,35	19,21	47	38	89	1,74	1,66	5,03	4,98	11,67	1,36	1,91	16,41	19,68	11,38	51,09	62,47	32,66	95,13	1872-73
1873-74 . . .	4,20	28,20	6,75	39,15	2,54	13,97	1,38	17,89	51	25	48	1,24	1,58	5,50	6,25	13,33	1,37	1,88	13,09	16,34	10,20	49,80	60,00	27,95	87,95	1873-74
1874-75 . . .	4,96	31,23	5,16	41,35	2,69	16,55	1,49	20,73	53	25	56	1,34	1,45	5,95	5,64	13,04	1,75	2,70	9,16	13,61	11,38	56,68	68,06	22,01	90,07	1874-75
1875-76 . . .	5,28	32,25	6,67	44,20	2,78	16,79	3,37	22,94	52	35	85	1,72	1,79	6,11	6,24	14,14	1,45	1,81	16,41	19,67	11,82	57,31	69,13	33,54	1,02,67	1875-76
1876-77 . . .	5,56	25.98	4,83	36,37	3,49	13,64	48	17,61	57	25	9	91	2,46	5,56	3,81	11,83	1,99	2,15	11,82	15,96	14,07	47,58	61,65	21,03	82,68	1876-77
1877-78 . . .	6,21	32,73	4,94	43,88	3,74	16,84	49	21,07	92	30	15	1,37	2,27	3,25	73	6,25	2,10	2,24	9,24	13,58	15,24	55,36	70,60	15,55	86,15	1877-78
1878-79 . . .	5,62	27,50	5,65	38,77	3,49	15,08	85	19,42	81	20	10	1,11	2,43	4,14	1,80	8,37	3,21	2,77	11,94	17,92	15,56	49,69	65,25	20,34	85,59	1878-79
1879-80 . . .	4,88	24,46	3,39	32,73	3,70	12,70	80	17,20	1,21	33	8	1,62	2,20	3,59	2,12	7,91	2,96	2,36	15,59	20,91	14,95	43,44	58,39	21,98	80,37	1879-80
1880-81 . . .	5,52	23,25	3,93	32,70	3,53	17,23	69	21,45	1,77	42	9	2,28	2,03	4,35	4,16	10,54	2,07	3,02	16,66	21,75	14,92	48,27	63,19	25,53	88,72	1880-81
1881-82 . . .	5,69	23,43	5,93	35,05	4,25	16,54	65	21,44	1,60	54	13	2,27	2,15	4,29	2,85	9,29	2,90	3,01	20,08	25,99	16,59	47,81	64,40	29,64	94,04	1881-82
1882-83 . . .	5,99	1	6,25	12,25	4,36	—98*	55	3,94	1,39	3	21	1,63	2,23	1	1,78	4,02	3,48	3	25,34	28,85	17,45	—90*	16,55	34,13	50,68	1882-83
1883-84 . . .	5,97	4	7,32	13,33	4,47	17	45	5,09	1,50	1	19	1,70	2,19	3	2,40	4,62	3,35	9	18,32	21,76	17,48	34	17,82	28,68	46,50	1883-84
1884-85 . . .	5,07	13	4,27	9,47	4,23	17	71	5,11	1,64	3	18	1,85	2,00	1	2,79	4,80	3,35	4	12,75	16,14	16,29	38	16,67	20,70	37,37	1884-85
1885-86 . . .	5,45	7	5,22	10,74	4,70	19	34	5,23	1,74	2	30	2,06	2,02	2	1,31	3,35	2,72	3	21,05	23,80	16,63	33	16,96	28,22	45,18	1885-86
1886-87 . . .	5,41	12	4,25	9,78	4,92	24	48	5,64	1,97	6	38	2,41	2,56	5	2,27	4,88	3,86	6	16,89	20,81	18,72	53	19,25	24,27	43,52	1886-87
1887-88 . . .	4,78	15	5,29	10,22	5,63	19	69	6,51	2,07	3	29	2,39	3,73	1	2,03	5,77	4,01	2	18,14	22,17	20,22	40	20,62	26,44	47,06	1887-88
1888-89 . . .	6,02	2,46	6,95	15,43	5,76	1,23	54	7,53	2,08	60	18	2,86	4,17	33	2,26	6,76	3,82	37	11,95	16,14	21,85	4,99	26,84	21,88	48,72	1888-89
1889-90 . . .	5,88	3,69	5,37	14,94	6,65	98	85	8,48	2,19	36	23	2,78	4,25	39	2,71	7,35	3,63	1,52	19,94	25,09	22,60	6,94	29,54	29,10	58,64	1889-90

* The amount refunded is greater than the duty collected.

DEPARTMENT OF FINANCE AND COMMERCE,
STATISTICAL BRANCH;
Calcutta, 17th September, 1889.

E. J. SINKINSON,
Secretary to the Government of India.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

Civil Works—Irrigation.

STATEMENTS OF IRRIGATION OPERATIONS ON THE INUNDATION CANALS IN THE PUNJAB FOR THE RABI CROPS OF 1888-89, AND COMPARATIVE STATEMENT OF IRRIGATION AND RAINFALL IN THE DISTRICTS IRRIGATED BY THOSE CANALS FOR THE YEARS 1887-88 AND 1888-89.

STATEMENT No. I.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1888-89 ON INUNDATION CANALS.

Comparative Abstract of Irrigation and Rainfall in Canal Districts of the Punjab.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
			Area irrigated.		Comparison with last crop.		Rainfall in Rabi Months.													
Districts.	Area in acres.	Cultivated area in acres.	1888-89.	1887-88.	Increase.	Decrease.	October.		November.		December.		January.		February.		March.		Total.	
							1888.	1887.	1888.	1887.	1888.	1887.	1889.	1888.	1889.	1888.	1889.	1888.	1888-89.	1887-88.
Montgomery (Lower Sohág and Párá Canal).	3,567,750	357,622	33,279	23,151	10,128	...	...	0·10	...	...	...	...	2·00	0·10	1·60	0·40	...	0·50	3·60	1·10
Mooltan (Sidhna Canal)	3,763,200	799,360	52,727	a29,964	22,763	...	...	...	...	...	...	...	0·2	0·4	0·8	0·7	..	..	1·0	1·1
Gujránwála	1,637,425	529,270	20,727	5,982	14,745	..	...	...	...	...	...	...	3·0	1·0	1·5	0·7	0·7	0·6	5·2	2·3
Lahore	2,334,552	1,164,921	13,419	15,715	...	b { 2,296	0·05	...	...	...	...	...	1·15	0·30	1·60	1·10	...	0·40	2·80	1·80
Montgomery	Given above.	Given above.	41,179	45,714	...	4,535	...	...	...	...	...	Given above.								
Mooltan	Do.	Do.	157,614	142,934	14,680	...	...	...	0·1	...	...	...	0·3	0·1	0·6	1·3	0·1	0·1	1·1	1·5
Dera Ghází Khan	2,801,280	1,008,000	52,961	56,336	..	3,375	0·3	...	0·2	...	...	...	0·2	...	1·3	2·1	0·2	0·1	2·2	2·2
Muzaffargarh	2,007,819	397,529	150,455	146,769	3,686	...	0·2	..	...	...	...	...	0·4	...	1·2	1·5	...	...	1·8	1·5
Shahpur	3,031,700	585,491	9,766	6,363	3,403	...	1·9	0·1	0·4	...	...	...	1·3	0·8	1·7	1·0	0·3	1·2	5·6	3·1
Total Inundation Canals	19,143,726	4,842,193	532,127	472,928	69,405	10,206	...	...	...	...	...	...	...	...	...	...	...	...	...	...

(a) This is the correct acreage and differs from that shown in the return for Rabi Crop of 1887-88.
(b) The decrease in the Upper Sutlej Canals is due to short supply of water in the canals towards end of the season.

	Acres.
Total Area irrigated, 1887-88 . . .	472,928
" " 1888-89 . . .	532,127
Net increase .	59,199

LAHORE,
The 13th August 1889.

J. W. OTTLEY, *Major, R. E.,*
Offg. Joint-Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

STATEMENT No. II.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1888-89 ON INUNDATION CANALS.

Statement in Acres of Crops irrigated in Canal Districts.

Description of Crops.	Montgomery (Lower Sohág and Pára Canal.)	Mooltan (Sidhnai Canal.)	Gujránwála.	Lahore.	Montgomery.	Mooltan.	Dera Ghází Khan.	Muzaffar-garh.	Shahpur.	Total.
Wheat	25,693	39,773	13,123	4,798	20,643	112,909	43,209	113,154	9,420	382,722
Barley	386	1,560	5,836	185	573	3,144	893	4,688	43	17,308
Mixed grain	1,489	...	575	4,150	5,219	...	207	...	...	11,640
Others	5,711	11,394	1,193	4,286	14,744	41,561	8,652	32,613	303	120,457
Total Rabi, 1888-89	33,279	52,727	20,727	13,419	41,179	157,614	52,961	150,455	9,766	532,127
Total Rabi, 1887-88	23,151	29,964	5,982	15,715	45,714	142,934	56,336	146,769	6,363	472,928

LAHORE,
The 13th August 1889.

J. W. OTTLEY, *Major, R. E.,*
Offg. Joint-Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

STATEMENT No. III.

IRRIGATION OPERATIONS OF THE RABI CROP OF 1888-89 ON INUNDATION CANALS.

Statement in Acres of Crops irrigated in Canal Divisions.

Description of Crops.	Lower Sohág and Pára Canal.	Sidhnai Canal.	Chenab Canal.	Upper Sutlej Canals.	Lower Sutlej and Chenab Canals.	Indus Canals.	Muzaffargarh Canals.	Shahpur Canals.	Total.
Wheat	25,693	39,773	13,123	25,441	112,909	43,209	113,154	9,420	382,722
Barley	386	1,560	5,836	758	3,144	893	4,688	43	17,308
Mixed grain	1,489	...	575	9,369	...	207	...	...	11,640
Others	5,711	11,394	1,193	19,030	41,561	8,652	32,613	303	120,457
Total Rabi, 1888-89 .	33,279	52,727	20,727	54,598	157,614	52,961	150,455	9,766	532,127
Total Rabi, 1887-88 .	23,151	29,964	5,982	61,429	142,934	56,336	146,769	6,363	472,928

Lahore,
The 13th August 1889.

J. W. OTTLEY, *Major, R.E.,*
Offg. Joint-Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

IRRIGATION OPERATIONS, 1888-89.

Comparative Statement of Irrigation and Rainfall for the years 1887-88 and 1888-89 in the districts of the Punjab irrigated by Inundation Canals.

Districts.	Population.	Area in acres.	Cultivated area in acres.	AREA IRRIGATED. Kharif, 1888-89. Total in acres.	In comparison with 1887-88. In-crease.	In comparison with 1887-88. De-crease.	Rabi, 1888-89. Total in acres.	In comparison with 1887-88. In-crease.	In comparison with 1887-88. De-crease.	Whole year, 1888-89. Total in acres.	In comparison with 1887-88. In-crease.	In comparison with 1887-88. De-crease.	Percentage of increase or decrease in 1888-89.	RAINFALL. 1887-88.	1888-89.	Percentage of increase or decrease in 1888-89.
Montgomery (Lower Sohág and Pára Canal.)	426,529	3,567,750	357,622	28,707	10,699	...	33,279	10,128	...	61,986	20,827	...	+50·60	11·00	10·90	—0·90
Mooltan (Sidhnai Canal)	551,964	3,763,200	799,360	47,989	2,669	...	52,727	22,763	...	100,716	25,432	...	+33·78	2·80	4·20	+50·00
Gujránwala	616,892	1,637,425	529,270	26,917	22,045	...	20,727	14,745	...	47,644	36,790	...	+338·95	21·80	27·20	+24·77
Lahore	924,106	2,334,552	1,164,921	18,270	1,691	...	13,419	...	2,296	31,689	...	605	—1·87	9·67	14·77	+52·74
Montgomery		Given above		66,886	6,257	...	41,179	...	4,535	108,065	1,722	...	+1·62	Given above		...
Mooltan		Ditto		167,619	12,958	...	157,614	14,680	...	325,233	27,638	...	+9·29	3·50	3·70	+6·00
Dera Ghází Khan	363,346	2,801,280	1,008,000	148,820	14,680	...	52,961	...	3,375	201,781	11,305	...	+5·93	6·70	7·60	+13·43
Muzaffargarh	338,605	2,007,819	397,529	139,372	5,814	...	150,455	3,686	...	289,827	9,500	...	+3·38	5·50	2·10	—61·82
Shahpur	421,508	3,031,700	585,491	10,391	...	58	9,766	3,403	...	20,157	3,345	...	+19·90	7·00	13·90	+98·57
Total Inundation Canals	3,642,950	19,143,726	4,842,193	654,971	76,813	58	532,127	69,405	10,206	1,187,098	136,559	605	+12·93	...	...	...

	Acres.	
Area irrigated in 1887-88 . . .	1,051,144	(as per Revenue Report.)
Ditto 1888-89 . . .	1,187,098	
,, Net increase . . .	135,954	

LAHORE,
The 13th August 1889.

J. W. OTTLEY, *Major, R.E.,*
Offg. Joint-Secy. to Govt., Punjab, P. W. D., Irrigation Branch.

SUPPLEMENT TO

The Gazette of India.

No. 39.] SIMLA, SATURDAY, SEPTEMBER 28, 1889.

OFFICIAL PAPERS.

A SUPPLEMENT *to the* GAZETTE OF INDIA *will be published from time to time, containing such Official Papers and information as the Government of India may deem to be of interest to the Public, and such as may usefully be made known. The Debates of the Legislative Council of His Excellency the Governor-General will in future be published in* PART VI. *of the* GAZETTE.

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GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weather Review of India for the week ending at 8 a.m. on Monday, September 23rd, 1889.

Strongly marked contrasts of weather have prevailed over India during the past week. The mail steamer which crossed from Aden during the week experienced light westerly winds and sultry weather from Aden to Socotra and a light monsoon and heavy swell but no wind from Socotra to near Bombay. Near Bombay the weather was showery, with west-south-west winds and a westerly swell. From this it appears that for the present the Arabian Sea monsoon shows no sign of increasing strength, and the winds along the West Coast of India have been light and variable. The weather has not however on that account been dry. Showers, often of very considerable amount, have fallen almost daily over the Peninsula. On the opposite side of India, *viz.*, over the east of the Peninsula, the Bay, Burma, Bengal, Assam, and to a limited extent the Central and North-West Provinces, the weather has been rough, squally and unsettled. The depression which was forming over the Bay at the time of the conclusion of the previous summary developed into a storm of very considerable intensity. The centre crossed the Coast between Vizagapatam and Gopalpore and advanced into the Central Provinces. It then moved northward and struck the Himalayas to the north of Gorakhpur. All over the area affected by this storm the weather has been squally and unsettled, with general and in places heavy rain. The weather in North-Western India has been in strong contrast to that prevailing over Eastern and Southern India. The winds have been light, the weather fine, and the temperature high.

On the morning of the 17th a well marked low pressure area prevailed over the centre and north of the Bay and extended westward across the Circars and Orissa as far as the east of the Central Provinces. Within this large area of low pressure and probably in lat. 18° 30′ and long. 89° a storm centre existed. Pressure was highest in the south-east of the Bay and moderate gradients existed

in that quarter, but elsewhere readings were very uniform. A cyclonic circulation of the winds prevailed around the Bay, with a strong indraught from the southward. Except around the Bay, the winds were generally light and variable. By the morning of the 18th the cyclonic storm in the Bay had approached the Coast between Vizagapatam and Gopalpore, and the barometer in that neighbourhood was two-tenths below the normal average. Cyclonic winds prevailed over the whole of the Bay, Bengal, the Central Provinces, Hyderabad and Southern India, of which those near the storm centre were strong. The centre crossed the Coast some time in the afternoon of the 18th and at 8 A.M. on the 19th lay a little to the west of Gopalpore. The depression proved to be a deep one, and the barometer at the centre before crossing the Coast probably fell to 29·00″. The cyclonic circulation around the storm extended over a very large part of India, and the winds were very strong over Ganjam and the centre and south of the Bay. Pressure remained highest in the south-east of the Bay, but was at the same time relatively high in the north-west of the Punjab. During the twenty-four hours succeeding 8 A.M. on the 19th the storm travelled very slowly, and the Chart of the 20th showed the centre a little to the south of Raipur. The storm was apparently slowly filling up, but its effect on the winds was still extensive, the cyclonic circulation around the centre still extending over the greater part of the country. Over the head of the Bay and in the neighbourhood of the cyclone the wind was blowing strongly. The Chart of the 21st showed that pressure had increased everywhere. The cyclonic storm had filled up to some extent and was commencing a northerly movement. The circulation of the winds around the centre had undergone very little change. At 8 A.M. on the 22nd the centre of disturbance lay immediately to the south of Gorakhpur, the storm having moved quickly northward during the previous twenty-four hours. The winds were cyclonic in the neighbourhood of the storm centre, but the large cyclonic circulation which had previously obtained had to a large extent broken up. The wind force was still high at the head of the Bay. By the morning of the 23rd the disturbance had disappeared and pressure, with some irregularities, decreased from a high pressure area in the south of the Bay to a low pressure area in Sind, the difference being 0·3″. The winds were still strong at the head of the Bay, but the cyclonic movements had practically disappeared.

Temperature has undergone large variations during the week. At first, when the rainfall was generally light and scattered, the heat was above the average almost everywhere, but with the advent of the storm on the 19th a fall of temperature commenced in Burma, Bengal and Madras, which subsequently extended to the greater part of India except the west and north-west. The Punjab, Bombay, the Central Provinces, Central India, Sind and Rajputana were hotter than usual on every day of the week, but in the other Provinces there were considerable variations from day to day, and in Madras and Bengal only on two days in the week was the weather warmer than usual. The net results for the week exhibit an excess of 3½° in Sind and Rajputana, of 3° in Guzerat and Central India, and of 2° in Bombay and the Central Provinces, while Madras, Bengal and Burma show a slight defect and the Punjab and North-Western Provinces a slight excess. Maxima exceeding 100° were reported from several stations in North-Western India throughout the week, the highest reading being 108·7° at Hyderabad (Sind) on the 21st.

The following table shows the amount of the excess or defect of the mean average temperature of the different Provinces for the present and for the preceding week:

PROVINCES.	Difference of Mean Temperature of Last Week from Normal.	Difference of Mean Temperature of Present Week from Normal.
Burmah	+ 1·6°	— 0·1°
Bengal	— 0·5°	— 0·9°
North-Western Provinces	+ 0·2°	+ 0·2°
Punjab	+ 2·0°	+ 1·0°
Bombay	+ 2·9°	+ 2·0°
Central Provinces and Berar	+ 1·9°	+ 2·2°
Guzerat and Central India	+ 1·7°	+ 2·9°
Sind and Rajputana	+ 1·3°	+ 3·5°
Madras	+ 0·1°	— 0·7°

Rain.—The conditions affecting the rainfall of the week have been detailed above. Briefly, the rain was due over the Peninsula to constant showers, and over the Bay, Burma, Bengal and the east of the Central and North-West Provinces to a travelling storm of considerable intensity. North-Western India, being beyond the sphere of the storm and unaffected by the feeble monsoons prevailing, had fine dry weather throughout.

The following is a brief description of the daily distribution of rainfall:

On the 17th rain had fallen generally over the Peninsula, around the Bay and in Upper Burma and Assam, and a few showers had occurred in Lower Bengal and along the foot of the Himalayas. The heaviest falls were reported from Lower Bengal and the Bombay Deccan. On the 18th rain was fairly general except in the central parts of the country and the north-west. The heaviest amounts were now reported from the Circars. On the 19th rain was confined to the Peninsula, the Bay, Burma, Assam and Lower Bengal, and there was none over Central or North-Western India. Similar conditions prevailed on the 20th except that rain had commenced at some central stations. On the 21st rain ceased in the east, centre and west (north of Goa) of the Peninsula. On the 22nd excessively heavy rain fell in the east of the North-Western Provinces and general rain over Bengal and the Central Provinces. In the Peninsula the rainfall was confined to the west and south, and on the 23rd rain was falling except in North-Western and Central India.

The table at the close of the summary shows that at thirty of the rainfall districts the amount received during the week has been in excess and at twenty in defect of the average. Sind is the only district which has received no rain whatever during the week, but at several other districts in the north-west and centre of India the week's fall has been small and unimportant.

The whole of Burma, except the Tenasserim division, has received more than the average amount of rain. So also has the whole of Bengal and Assam, the east of the North-Western Provinces, Oudh and the submontane district of the North-West Provinces. The east and centre of the Central Provinces have also received more than the usual amount of rain. The whole of this region was influenced by the cyclonic storm noticed above, and the general excess of rain which has occurred over these districts is more or less connected with the action and course of this storm. Over the whole of north-western and central parts of India outside the sphere of action of the storm, *viz.*, the west and centre of the North-Western Provinces, the whole of the Punjab, Rajputana, the west of the Central Provinces, Guzerat and Sind, the rainfall of the week was largely deficient or, in the case of Sind, altogether wanting. The monsoon on the West Coast was as explained above exceedingly feeble; but there appears to have been a certain amount of indraught across the Peninsula, as the whole of the West Coast districts, the Bombay Deccan, Hyderabad South and some Madras districts received heavier rain than usual. Whatever current there was did not however extend northward, so that Berar and Khandesh received a deficient amount.

The returns of maximum falls show that the heaviest rainfall tended towards East and North Bengal, Behar and the submontane districts of the North-Western Provinces. Cherrapunji received 27 inches, one station in Tipperah 13 inches, one station in Rungpore 11 inches, one station in Durbhunga 15½ inches, and one station in Gorakhpur 13¼ inches. In North-Western India there were no heavy falls. In Malabar and Madras South Central some falls of about 15 inches were measured, while in North Kanara Kumpta received 17 inches and in Kolhapur Banda received 11½ inches. In the central parts of the country the maximum falls are unimportant. The heaviest fall in any part of India is 22¼ inches, which occurred at Ankapalli in the Vizagapatam district.

The concluding column of the table shows the state of the seasonal rainfall. The following are the divisions in which the total rainfall since the middle of May is when compared with the average deficient by more than 10 per cent.:—Lower and Central Burma, Eastern Bengal, North-Western Provinces (West), Punjab, Central, Submontane, Hill and north-west divisions, Khandesh, Guzerat, Sind and Rajputana (West). Deltaic Bengal has hence disappeared from the deficient list since last week, while Guzerat and the north-west of the Punjab have on the contrary come into it. In all other parts of India the seasonal fall is satisfactory.

PROVINCE.	DIVISION.	Rainfall Data for Week ending September 23rd, 1889.			Rainfall Data from May 13th to September 23rd, 1889.		
		Average Actual Rainfall of Division.	Average Normal Rainfall of Division.	Excess or Defect, in Inches.	Average Actual Rainfall of Season to date.	Average Normal Rainfall, May 13th to September 23rd.	Excess or Defect of (Seasonal) Rainfall expressed as a percentage.
		Inches.	Inches.	Inches.	Inches.	Inches.	Per cent.
Burmah	Tenasserim	5·42	7·46	— 2·04	165·66	165·29	0
	Lower Burmah	4·42	2·84	+ 1·58	67·44	83·02	— 19
	Central Burmah	2·56	2·30	+ 0·26	51·70	66·36	— 22
	Upper Burmah	3·37	?	?	32 68	?	?
	Arakan	8·30	6·60	+ 1·70	163·12	168·46	— 3
Bengal and Assam	Eastern Bengal	5·24	3·16	+ 2·08	63·50	73·02	— 13
	Assam (Surma)	8·72	3·78	+ 4·94	110·31	86·17	+ 27
	Do. (Brahmaputra)	3·73	2·46	+ 1·27	75 00	62·13	+ 21
	Deltaic Bengal	2·49	2·13	+ 0·36	42·12	46·65	— 10
	Central Bengal	4·23	2·28	+ 1·95	47·48	45·80	+ 4
	North Bengal	5·10	4·48	+ 0·62	95·30	86 01	+ 11
	Orissa	2·59	2·54	+ 0 05	40·86	43 64	— 6
	Chota Nagpur	2·07	1·74	+ 0·33	42·22	43 53	— 3
	Behar (South)	2·45	1·44	+ 1 01	39·78	35·93	+ 11
	Do. (North)	5·17	1·96	+ 3·21	51·22	41·17	+ 24
North-Western Provinces and Oudh.	North-Western Provinces (East).	5·01	1·79	+ 3·22	43 60	31·73	+ 37
	Oudh (South)	2·05	1·91	+ 0·14	40·23	32·11	+ 25
	Do. (North)	4·16	2·16	+ 2 00	42·11	34 46	+ 22
	North-Western Provinces (Central).	0·76	1·25	— 0·49	26·51	27·70	— 4
	North-Western Provinces (West).	0·14	0·84	— 0·70	21·61	25·32	— 15
	North-Western Provinces (Submontane).	2·20	1·72	+ 0·48	48·45	38·02	+ 27
Punjab	Punjab (South)	0·09	0·29	— 0·20	11·43	12 07	— 5
	Do. (Central)	0·03	0·63	— 0·60	16·69	20·84	— 20
	Do. (Submontane)	0·28	0·78	— 0·50	20·49	24·06	— 15
	Do. (Hill Districts)	0·05	1·94	— 1·89	59·23	75·42	— 22
	Do. (North-West)	0·22	0·59	— 0·37	15·95	18·10	— 12
	Do. (West)	0·06	0·18	— 0 12	6·71	6·41	+ 5
Bombay and Malabar Coast Districts (Madras).	Malabar	7·16	2·12	+ 5·04	98·73	94·96	+ 4
	Madras (South Central)	1·78	0·96	+ 0·82	30·47	14·19	+115
	Coorg	6·77	2·71	+ 4·06	93·78	90·23	+ 4
	Mysore	1·05	0·94	+ 0·11	18·88	18·16	+ 4
	Konkan	6·47	2·89	+ 3·58	117·66	92·18	+ 28
	Bombay Deccan	2·38	1·03	+ 1·35	24·98	25 83	— 3
	Hyderabad (North)	...	...	...	...	...	...
	Khandeish	1·27	1·42	— 0·15	10·60	14·56	— 27
Central Provinces and Berar.	Berar	0·17	1·71	— 1·54	29·55	28·76	+ 3
	Central Provinces (West)	1·10	1·49	— 0·39	35·58	39·08	— 9
	Ditto (Central)	1·90	1·61	+ 0·29	49·60	47·60	+ 4
	Ditto (East)	3·03	1·92	+ 1·11	51·95	46 12	+ 13
Bombay (North)	Guzerat	0·93	1·88	— 0·95	30·94	37·85	— 18
	Kattiawar	1·19	0·98	+ 0·21	25·85	26·08	— 1
	Sind	0	0·08	— 0·08	1·55	4·39	— 65
Rajputana and Central India.	Central India (East)	0·76	1·12	— 0·36	37·13	33·02	+ 12
	Rajputana (East), Central India (West).	0·03	0·83	— 0·80	28·46	24·87	+ 14
	Rajputana (West)	0·12	0·64	— 0·52	8·61	12·68	— 32
Madras	East Coast (North)	5·06	1·66	+ 3·40	31·41	22·77	+ [illegible]
	Do. (North) (a)	2·45	2·86	— 0·41	32 05	34·38	— 5
	Hyderabad (South)	3·43	1·15	+ 2·28	22·86	19·02	+ 17
	Madras (Central)	2·71	1·09	+ 1·62	19·94	15 20	+ 31
	East Coast (Central)	1·40	0·97	+ 0·43	16 97	16·51	+ 3
	Ditto (South)	1·03	1·04	— 0·01	16·52	14·16	+ 17
	Madras (South)	0·26	0·63	— 0·37	9 17	7·49	+ 22

W. L. DALLAS,

Assistant Meteorological Reporter to the Government of India.

SIMLA, *26th September, 1889.*

E. C. BUCK,

Secretary to the Government of India.

GOVERNMENT OF INDIA.

REVENUE AND AGRICULTURAL DEPARTMENT.

Weekly Report on the State of the Season and Prospects of the Crops.

Madras.—*For week ending 21st September.*—Rainfall general; slight in Nellore and Salem. Crops generally good, but damaged by excessive rain in parts of the Nilgiris; withering from want of rain or water in parts of Chingleput and South Arcot. Prices rising in four districts, stationary in six, and falling in others. Labourers employed last day of week,—on Rushikulya works, 3,604; Gopalpur Canal, 1,099; Ghat Roads, 4,003; other minor works, 7,022. On village relief on 14th September, 42,518, including 25,649 children; fed in kitchens, 11,158, including 8,010 children. Imports into Ganjam during week by sea and land 589 tons. General prospects favourable.

Bombay.—*For week ending 25th September.*—Rain during week throughout Presidency Proper and standing crops benefited by it; total fall still insufficient in parts of Guzerat, Khandesh, Thana and Colaba. Standing crops damaged by locusts, crabs and rats in parts of Karachi; and by locusts in parts of Shikarpur, Hyderabad, Upper Sind Frontier and Ahmedabad; crops otherwise good. Reaping of early and sowing of late crops progressing in several districts. Probable outturn of early crops in Baroda from 14 to 16 annas. Fodder scarce in parts of Poona and Dharwar.

Bengal.—*For week ending 24th September.*—Rainfall has been general and in the northern and eastern districts fairly heavy. Prospects of winter rice are generally favourable, but have suffered from floods in places in Central and Northern Bengal and from drought in parts of Burdwan, Hooghly and Balasore. In Moorshedabad the damage from floods in the low lands of the Lalbagh subdivision is considerable. Harvesting of early rice and jute is still proceeding and the outturn is reported to be fair in several districts. The *bhadoi* harvest in Behar and Chota Nagpur is yielding a good outturn except in the flooded tracts in Behar. Foodstocks are sufficient. In the affected districts in Chumparun and Muzaffarpur loans and gratuitous relief are still being given. In Midnapur the number of persons receiving charity is sixty. In the Sonthal Pergunnahs relief works are closed.

North-Western Provinces and Oudh.—*For week ending 25th September.*—Heavy rain in some of the eastern districts has done injury to the standing crops and somewhat retarded ploughing for the *rabi;* elsewhere the rainfall has been light. Rice and the earlier *kharif* crops are being harvested, and *rabi* ploughing and sowing has commenced. Prospects generally are good. Markets are well supplied, and in most districts prices are stationary.

Punjab.—*For week ending 25th September.*—Rainfall slight in Jullundur, Ferozepore, Lahore, Rawalpindi, and Shahpur districts. Prices rising in Rawalpindi, falling in Shahpur, and stationary elsewhere. Harvesting of *kharif* crops commenced in certain districts. Ploughing for *rabi* in progress. More rain wanted in most districts. *Kharif* crops are reported to be in good condition except in Hissar and Umballa, where they are withering for want of rain. Outturn of cotton is good in Peshawar. Crops are slightly damaged by locusts in Leiah tahsil, Dera Ismail Khan district. Fodder sufficient throughout the Province.

Central Provinces.—*For week ending 25th September.*—Weather generally clear with occasional showers. Rainfall sufficient except in Sihora and Murwára tahsils of the Jubbulpore district. Prospects of the *kharif* crops continue very favourable. Land being prepared for *rabi* sowings, and sowings of *til* commencing in places. Prices generally steady and falling in some districts.

Burma.—*For week ending 21st September.*—The rainfall in all districts of Lower Burma was fairly heavy, with the exception of Prome and Tharrawaddy, where the fall was light. The crop prospect is generally good in Lower Burma. More rain is wanted in Mandalay, Shwebo, in part of the Myinmu subdivision of Sagaing, Minbu and Yamethin. The crop prospect is fair. The price of paddy in Lower Burma has fallen slightly in Prome, Moulmein and Toungboo, and risen slightly in Henzada and Thayetmyo. In other districts the price remains unchanged in Upper Burma. The price has fallen from Rs. 95 to Rs. 65 per 100 baskets in Mandalay; in all other districts there are no fluctuations. The foodsupply is sufficient throughout the Province.

Assam.—*For week ending 25th September.*—Rainfall varies from 0·90 inches in Darrang to 20·17 inches in Garo Hills, where damage has been done to crops. Reaping of early rice and transplanting of winter rice almost finished. Weather cold and wet for tea. Blight less prevalent in Cachar.

Mysore and Coorg.—*For week ending 25th September.*—Rain has fallen more or less throughout the State of Mysore. More rain is wanted for wet crops in Shikarpur of the Shimoga district. In parts of the Tumkur and Kadur districts dry crops somewhat damaged by excessive rain, otherwise crops are in good condition and prospects are favourable. Prices slightly fallen in Bangalore and Shimoga districts.

Rainfall 8·26 inches in Coorg. Transplanting of rice completed except in parts of Kiggatnad taluk. Standing crops promise well.

Berar and Hyderabad.—*For week ending 25th September.*—Average rainfall 1·60 inches in Berar. Standing crops healthy. Weeding continues. Prices of food-grains stationary. Pasturage sufficient.

Rainfall at Hyderabad during week, 2·53; total since 1st January, 29·03. *Kharif* and *abi* crops thriving. Prices stationary.

Central India.—*For week ending 25th September.*—Crops generally good throughout the Agency, but slightly damaged by excessive rain in parts of Neemuch. Prices high in Goona, falling in Bundelkhand and parts of Bhopawar.

Rajputana.—*For week ending 25th September.*—Slight rain in Marwar, Kherwara and Meywar. Standing crops slightly damaged by locusts in Marwar, Kishengarh and Ulwar. Rain much needed in Meywar, Bhurtpur, Ulwar and Harowtee. Agricultural stock good. Pasturage drying and fodder dear in Marwar. Prices steady generally.

Nepal.—*For week ending 19th September.*—Rain in showers and infrequent. Harvesting of early rice in progress. Prospects favourable.

E. C. BUCK,
Secretary to the Government of India.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY TRAFFIC.

No. XXII. OF 1889-90.

APPROXIMATE STATEMENT OF GROSS RECEIPTS AND EXPENSES OF INDIAN RAILWAYS.

N.B.—As regards the figures in column *Total Receipts from 1st April to date*, audited figures have been used as far as possible.

Latest Return received.	Railways.	Week ending 1st September 1888.			Week ending 31st August 1889.			Total Receipts from 1st April to 1st September 1888.		Total Receipts from 1st April to 31st August 1889.		Total increase in 1889-90.	To dec in 18
		Total mean length open.	Receipts. Total.	Receipts. Per mile open.	Total mean length open.	Receipts. Total.	Receipts. Per mile open.	Total.	Per mile open per week.	Total.	Per mile open per week.		
			Rs.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	R
	State Lines worked by Companies.												
September 1889	East Indian	1,514	6,12,652	405	1,514	6,47,206	427	1,77,98,839	534	1,82,12,077	547	4,13,238	..
ditto	Patna-Gya	57	6,299	111	57	6,455	113	1,76,430	140	1,80,758	144	4,328	..
ditto	Dildárnagar-Gházipur	12	585	49	12	669	56	21,485	81	19,798	75	...	I
.....	Sindia	75	4,339	58	...	(a)	...	1,58,562	96	(a)	...	...	1,58
September 1889	Rajputana-Malwa	1,664	2,66,162	160	1,671	2,32,000	139	74,87,702	205	84,47,480	232	9,59,778	..
ditto	Bengal-Nágpur (b)	186	18,439	99	305	(c) 21,757	71	6,79,867	166	(c) 7,80,242	119	1,00,375	..
ditto	Southern Mahratta (d)	850	63,287	74	856	57,712	67	16,66,191	89	18,03,720	96	1,37,529	..
ditto	Do. Mysore Section	140	12,668	90	296	22,384	76	2,29,565	75	3,20,001	63	90,436	..
ditto	Indian Midland	136	10,136	74	746	(e) 43,881	59	3,12,645	104	(e) 12,02,803	85	8,90,158	..
August 1889	Villupuram-Dharmaveram (Nellore Branch)	83	4,766	57	83	5,285	64	1,07,266	59	1,06,558	59	...	
September 1889	Bareilly-Pilibhit	36	1,252	35	36	1,280	36	33,617	44	41,796	55	8,179	..
	TOTAL	4,753	10,00,585	211	5,576	10,38,629	186	2,86,72,169	274	3,11,15,233	264	24,43,064	..
	State Lines worked by Government.												
September 1889	North Western (f)	2,469	4,74,400	192	2,386	5,03,924	211	1,00,81,846	186	1,13,42,468	217	12,60,622	..
ditto	Oudh and Rohilkhand	692	85,325	123	692	1,18,902	172	29,58,770	194	33,35,548	219	3,76,778	..
August 1889	Bengal Central	125	13,025	109	125	14,720	118	2,58,545	94	2,98,339	108	39,794	..
September 1889	Wardha Coal	45	14,127	314	45	11,082	246	3,12,543	316	3,34,133	340	21,590	..
August 1889	Eastern Bengal	673	2,56,790	382	747	2,60,110	350	35,89,352	242	39,15,851	253	3,26,499	..
September 1889	Nalháti	27	1,803	69	27	1,896	70	42,395	74	41,101	72	...	I
ditto	Tirhoot	259	18,517	71	273	30,997	114	7,05,706	130	8,26,936	144	1,21,170	..
ditto	Lucknow-Sitapur-Sihrámau	105	3,942	38	105	6,310	60	1,09,063	47	1,44,483	63	35,420	..
ditto	Jorhát	25	1,530	61	25	1,396	56	25,605	47	26,492	48	887	..
August 1889	Cherra-Companyganj	7	241	34	7	341	49	1,815	12	2,812	18	997	..
ditto	Burma (g)	392	49,325	126	553	72,821	132	12,31,998	147	17,99,244	149	5,67,246	..
	TOTAL	4,819	9,19,585	191	4,985	10,28,499	206	1,93,17,698	183	2,20,67,407	204	27,49,709	...
	Lines worked by Guaranteed Companies.												
September 1889	Madras	840	1,68,976	201	840	1,78,950	213	35,02,247	194	39,37,315	214	3,45,068	...
August 1889	South Indian	654	1,11,161	170	654	1,11,082	171	23,81,995	160	24,94,513	175	1,12,518	...
September 1889	Great Indian Peninsula	1,497	(h) 6,04,212	404	1,440	(i) 3,40,280	236	1,85,45,348 (h)	562	1,40,90,791 (i)	447	...	44,54,
ditto	Bombay, Baroda and Central India (j)	461	1,75,001	380	461	1,46,000	317	52,79,289	521	55,81,768	554	3,05,479	...
	TOTAL	3,452	10,59,350	307	3,395	7,76,912	229	2,97,08,879	392	2,61,07,387	352	...	36,91,
	ND TOTAL (GUARANTEED AND STATE)	13,024	29,79,520	229	13,956	28,44,040	204	7,77,88,746	272	7,92,90,027	264	15,01,281	...
	GROSS ESTIMATED EXPENSES	...	...	...	...	...	...	4,07,64,777	142	4,14,14,463	138	6,49,686	...
	NET RECEIPTS	...	...	...	...	...	...	3,70,23,969	130	3,78,75,564	126	8,51,595	...
	Assisted Companies.												
September 1889	Tárakeshwar	22	2,886	131	22	4,197	191	1,22,376	250	1,25,249	256	2,873	...
August 1889	Dibru-Sadiya	78	7,318	94	78	8,108	104	1,88,254	110	2,10,857	123	22,603	...
September 1889	Bengal and North-Western	376	24,831	66	376	31,630	84	10,68,967	129	11,35,731	138	66,764	...
ditto	Rohilkhand-Kumaun	67	1,281	19	67	5,891	88	1,52,808	109	1,66,085	118	13,277	...
	TOTAL	543	36,316	67	543	49,826	92	15,33,405	128	16,37,922	138	1,05,517	...
	Native States.												
September 1889	His Highness the Nizam's Guaranteed	310	31,685	102	354	47,677	135	6,65,784	107	9,13,823	118	2,48,039	...
ditto	His Highness the Gaekwar's	59	1,617	27	59	1,710	29	57,400	44	57,113	44	...	
ditto	His Highness the Gaekwar's Veramgam-Mehsána-Vadnagar	21	598	28	27	600	22	20,233	44	24,353	41	4,120	...
ditto	Bhávnagar-Gondal-Junagarh-Porbandar	193	9,742	50	261	14,716	56	4,27,320	101	5,90,338	104	1,63,018	...
ditto	Morvi	68	2,405	33	68	2,086	40	81,261	54	90,377	60	9,116	...
ditto	Jodhpore	124	3,199	26	124	5,200	42	1,55,199	57	1,45,502	54	...	9,
	TOTAL	775	49,106	63	893	72,589	81	14,07,197	86	18,21,506	93	4,14,309	...

(a) Included with Indian Midland Railway.
(b) Includes the Katni-Umaria Branch.
(c) Includes the Sanctoria Coal Section of the Bengal-Nágpur Railway.
(d) Includes the Bellary-Kistna State Railway.
(e) Includes the Sindia and Bhopal-Itarsi State Railways.
(f) Includes the Amritsar-Pathánkot and Rájpura-Bhatinda State Railways.
(g) Includes the Toungoo-Mandalay extension.
(h) Includes the Dhond-Manmád, Khámgaon, Amráoti, and Bhopal-Itarsi State Railways.
(i) Includes the Dhond-Manmád, Khámgaon, and Amráoti State Railways.
(j) Includes the Patri Branch.

M. C. BRACKENBURY, *Major, R.E.,*
Under-Secretary.

SIMLA, *26th September, 1889.*

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

Railway.

GUARANTEED RAILWAYS.

SYNOPSIS OF TRANSACTIONS FOR AND TO END OF THE YEAR 1888.

No. 406 A.R., dated Simla, the 16th September 1889.

RESOLUTION—By the Government of India, Public Works Department.

Read again—

Public Works Department Resolution No. 621A.R., dated 5th October 1888.

Read also the following :

Note by LIEUTENANT-COLONEL A. G. BEGBIE, R.E., Officiating Accountant General, Public Works Department, No. 891R., dated 23rd August 1889.

I beg to lay before the Government of India the usual Synopsis of transactions of Guaranteed Railways for and to end of the year 1888.

2. The subscribed Capital on 31st December 1888 of the several Railway Companies bears interest as shown below :

Railway.	Capital bearing interest at						Premium on Stock.	Discount on Stock.	Total Capital raised.
	3½%	3¾%	4%	4½%	4¾%	5%			
	£	£	£	£	£	£	£	£	£
Madras	...	297,800	102,200	500,000	999,960	8,757,670	12,014	...	10,669,644
South Indian	...	970,000	...	425,000	151,044	3,057,908	62,453	3,000	4,663,405
Bombay, Baroda and Central India...	100,000	688,500	...	...	...	7,550,300	32,270	14,000	8,557,070
Great Indian Peninsula	264,000	1,847,300	2,701,450	...	...	20,000,000	207,305	233,301	24,870,664
Oudh and Rohilkhund	...	3,030,300	384,700	...	...	4,000,000	15,922	47,611	7,383,311
(1) Total to end of 1888 ...	364,000	7,033,900	3,188,350	925,000	1,151,004	43,365,878	419,964	298,002	50,150,094
(2) Ditto ditto 1887 ...	100,000	6,969,300	5,402,150	925,000	1,153,504	43,363,503	419,839	298,002	58,035,294
(3) Ditto ditto 1886 ...	...	5,101,800	5,439,650	925,000	1,166,864	43,350,811	200,553	64,384	56,210,294
(4) Ditto ditto 1885 ...	...	4,481,800	6,217,450	925,000	1,169,634	43,348,189	200,165	56,134	56,295,094
(5) Ditto ditto 1884 ...	...	4,325,750	4,911,950	925,000	1,179,510	43,338,789	200,702	46,134	54,844,594
(1) Compared with (2) Increase ...	264,000	64,600	...	...	...	2,375	125	...	...
(1) Compared with (2) Decrease ...	...	...	2,213,900	...	2,500	...	...	...	1,885,200

3. The following table shows the growth of the Capital account of the Guaranteed Railways during the last five years, the net increase to the aggregate subscribed Capital during that period being £2,777,429 :

Total capital subscribed. Year.	Amount.	Increase.	Decrease.	Remarks.
	£	£	£	
To end of 1884	54,844,594	1,471,929	...	
" 1885	56,295,094	1,450,500	...	
" 1886	56,210,294	...	84,800	
" 1887	58,035,294	1,825,000	...	
" 1888	56,150,094	...	1,885,200	
		4,747,429	1,970,000	
Net increase ...	...	2,777,429		

Capital Outlay.

4. The aggregate outlay finally charged off to "Construction" has stood at the end of each of the last five years as follows:

	£	Increase. £
To end of 1884	53,240,053	1,144,018
„ 1885	54,516,361	1,276,308
„ 1886	55,517,215	1,000,854
„ 1887	55,920,875	403,660
„ 1888	56,455,146	534,271
Increase in five years		4,359,111

5. The expenditure charged to "Construction," on the open lines of railway, during and to end of the year, gives the following cost per mile:

Railway.	Construction expenditure per open mile. During 1888.	Construction expenditure per open mile. To end of 1888.	Remarks.
	Rs.	Rs.	
Madras	1,565·98	1,34,728·34	
South Indian	834·76	69,838·54	Metre gauge.
Bombay, Baroda and Central India	885·21	2,07,553·15	
Great Indian Peninsula	2,514·49	2,07,605·53	
Oudh and Rohilkhund	419·11	1,29,342·46	
Average outlay excluding South Indian	1,606·72	1,72,003·26	
Ditto including ditto	1,477·49	1,54,900·30	

Capital locked up in stores.

6. The subjoined table shows the fluctuations in the value of stores in stock during the past five years. The figures in antique represent increases of stock:—

Railway.	Reduction in stock. 1884.	1885.	1886.	1887.	1888.	Total reduction in five years.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras	68,943	4,59,341	3,09,528	6,76,372	17,704	1,43,736
South-Indian	94,461	4,83,856	3,54,488	5,54,202	5,57,460	13,35,491
Bombay, Baroda and Central India	1,86,482	2,78,348	6,48,977	4,31,054	5,80,250	4,64,193
Great Indian Peninsula ...	3,40,888	20,24,643	13,61,804	8,76,659	9,60,488	15,18,196
Oudh and Rohilkhund ...	6,62,439	8,34,436	20,34,415	34,269	1,87,131	24,27,782
Total ...	2,98,473	24,11,752	40,93,186	6,01,984	17,613	20,02,558

7. The increase in the amount of Capital locked up in stores during the year under review on the South Indian Railway is attributed to the receipt of

Permanent Way materials for renewals, and that on the Bombay, Baroda and Central India Railway is said to be due to the late arrival of Permanent Way material and coal from England.

8. On 31st December 1888, the value of the stores in stock on Guaranteed Railways exceeded the limits provisionally assigned for Capital to be locked up in stores to the following extent:

Railway.	Limit assigned.	Stock in hand.	Excess.
	Rs. Lakhs.	Rs. Lakhs.	Rs. Lakhs.
Madras	22½	24½	2
South Indian	*not fixed*	*(a) 34½*	...
Bombay, Baroda and Central India	*21½*	*37½*	*16*
Great Indian Peninsula	63	60¾	—2¼
Oudh and Rohilkhund	12½	26¾	14¼
TOTAL ...	119½	149½	30

(a) Not included in the total.

Revenue Account.

9. Excluding the East Indian, Eastern Bengal, and Sindh, Punjab and Delhi Railways which have now become State lines, the gross earnings, working expenses, and net earnings of all the Guaranteed Railways during the last five years have been as under:

Year.	Gross earnings.	Working expenses.	Net earnings.
	Rs.	Rs.	Rs.
1884	6,24,57,699	3,26,82,475	2,97,75,224
1885	6,73,27,871	3,51,47,654	3,21,80,217
1886	7,21,55,223	3,56,28,831	3,65,26,392
1887	7,20,41,944	3,61,22,174	3,59,19,770
1888	7,48,29,283	3,77,21,047	3,71,08,236

	Rs.	Rs.
10. For the year 1888 the net earnings amounted to	...	3,71,08,236
Deduct—		
Interest charged on overdrawn Capital ...	31,439	
Moiety of Surplus Profits due to Shareholders ...	55,95,126	
Contributions to Provident Fund	2,14,483	
		58,41,048
The net receipts by Government due to its connection with the Guaranteed Railways may be stated at		3,12,67,188

11. The results of the working of the Guaranteed Railways for the year 1888, based on the contract rates of exchange, is shown in the following table,

as also the percentage of Interest and Net Profits on the Capital received. The figures in antique represent gain:

Railway.	Net earnings after deducting payments on account of moiety of Surplus Profits and contribution to the Provident Fund and interest on overdrawn Capital.	Guaranteed interest.	Loss to State.			Per cent. of interest paid on total Capital received.	Per cent. of Net Earnings realised during 1888 on Capital received.
			Amount.	Per open mile.	Per cent. of guaranteed interest.		
	Rs.	Rs.	Rs.	Rs.			
Madras	35,21,645	56,98,928	21,77,183	2,594·14	38·20	4·90	3·03
South Indian	16,67,481	22,24,122	5,56,641	850·37	25·03	4·57	3·42
Bombay, Baroda and Central India ...	57,64,106	44,93,045	12,71,061	2,896·81	28·29	4·81	6·17
Great Indian Peninsula	1,72,97,951	1,29,19,664	43,78,287	3,398·63	33·89	4·76	6·37
Oudh and Rohilkhund	30,16,005	*35,42,434	†5,26,429	763·70	14·86	4·80	4·08
Total 1888 ...	3,12,67,188	*2,88,78,093	‡23,89,095	610·99	8·27	4·78	5·18
1887 ...	3,01,24,818	2,90,54,467	10,70,351	274·29	3·68	4·67	4·84
1886 ...	3,05,61,972	2,89,70,895	15,91,077	405·06	5·49	4·84	5·07
1885 ...	2,74,40,216	2,83,52,980	9,03,764	231·75	3·19	4·69	4·54
1884 ...	2,56,12,424	2,81,07,704	24,95,280	650·48	8·88	4·77	4·34

12. The result of working the Guaranteed Railways during 1888 may be considered satisfactory. The annual result in the last five years has been turned from a loss of Rs. 24,95,280 in 1884, to a gain of Rs. 23,89,095‡ in 1888.

13. The actual loss to the State during the last five years due to its connection with the Guaranteed Railways, if the payments in England on account of guaranteed interest are converted at the average rates of exchange for the different years, is shown in the following statements:

Year.	Net earnings —*vide* para. 11.	Guaranteed Interest at contract rates.	Loss to State based on preceding column.	Guaranteed Interest at the average rate of the year.	Loss to State based on preceding column.	Loss involved in fall in exchange, being difference between columns 4 and 2.
	1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1884	2,56,12,424	2,81,07,704	24,95,280	3,21,56,569	65,44,145	40,48,865
1885	2,74,40,216	2,83,52,980	9,03,764	3,40,01,117	65,51,001	56,48,137
1886	3,05,61,972	2,89,70,895	15,91,077	3,67,65,398	62,03,436	77,94,503
1887	3,01,24,818	2,90,54,467	10,70,351	3,79,65,693	78,40,975	89,11,226
1888	3,12,67,188	*2,88,78,093	‡23,89,095	3,91,86,426	79,19,238	1,03,08,333

* This excludes Interest to end of December 1888, amounting to £40,073, on debt appropriated to the discharge of debentures to the extent of £1,885,000, which fell due during the year. It has been decided to treat this payment as a State Railway charge.

† The real loss is understated by the sum of £40,073 referred to in the preceding note

‡ The real gain is overstated by the sum of £40,073 referred to above.

The details for each year are as follows:

1884.

Railway.	Net earnings.	Guaranteed interest at contract rates	Loss to State based on column 2.	Guaranteed interest at 1s. 7·503d., the average rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and 2.
	1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras	29,35,687	56,91,450	27,55,763	61,23,432	34,87,745	7,29,982
South Indian	14,60,598	21,17,129	6,56,531	24,96,708	10,36,110	3,79,579
Bombay, Baroda and Central India	54,43,252	43,20,164	11,23,088	48,72,709	5,70,4[illegible]	5,52,635
Great Indian Peninsula	1,34,64,290	1,26,45,335	8,18,955	1,42,66,502	8,02,302	16,21,257
Oudh and Rohilkhund	23,08,607	33,30,6[illegible]	10,22,0[illegible]	40,97,039	17,88,441	7,66,412
TOTAL ...	2,56,12,424	2,81,07,701	24,95,280	3,21,56,569	65,44,145	40,48,865

1885.

Railway.	Net earnings.	Guaranteed interest at contract rates.	Loss to State based on column 2.	Guaranteed interest at 1s. 6·612d., the average rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and 2.
	1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras	32,79,168	56,98,828	24,19,660	67,36,206	34,57,038	10,37,378
South Indian	15,72,931	21,32,817	5,59,896	26,35,653	10,62,734	5,02,836
Bombay, Baroda and Central India	56,61,689	41,90,266	14,71,423	49,52,432	7,09,257	7,62,166
Great Indian Peninsula	1,52,31,597	1,27,91,996	24,39,601	1,51,15,011	1,16,586	23,23,015
Oudh and Rohilkhund	17,03,841	35,39,073	18,35,232	45,61,813	28,57,972	10,22,740
TOTAL ...	2,74,49,216	2,83,52,980	9,03,764	3,40,01,117	65,51,901	56,48,137

1886.

Railway.	Net earnings.	Guaranteed interest at contract rates.	Loss to State based on column 2.	Guaranteed interest at 1s. 5·9985d., the average rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and 2.
	1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras	32,39,243	56,98,828	24,59,585	71,34,953	38,95,709	14,36,124
South Indian	14,69,584	21,69,364	6,99,780	28,35,528	13,65,944	6,66,164
Bombay, Baroda and Central India	61,35,478	44,37,881	16,97,597	55,47,675	5,87,803	11,09,794
Great Indian Peninsula	1,68,77,979	1,28,67,572	40,10,407	1,60,90,290	7,97,683	32,12,724
Oudh and Rohilkhund	32,40,688	37,97,250	9,47,562	51,76,947	23,27,259	13,79,697
TOTAL ...	3,05,61,972	3,80,70,895	15,91,077	3,67,65,393	62,03,426	77,94,503

1887.

Railway.	Net earnings.	Guaranteed interest at contract rates.	Loss to State based on column 2.	Guaranteed interest at 1s. 5·0915d., the average rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and 2.
	1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras	29,66,358	56,70,348	24,09,990	73,06,536	44,19,178	16,30,188
South Indian	13,05,711	21,91,202	5,85,458	29,48,693	13,12,952	7,57,494
Bombay, Baroda and Central India	17,33,568	41,70,069	12,56,799	57,51,814	28,246	12,84,845
Great Indian Peninsula	1,66,82,000	1,28,64,019	40,18,890	1,65,50,308	3,32,601	36,86,289
Oudh and Rohilkhund	30,76,22[illegible]	38,45,929	8,09,690	53,08,32[illegible]	23,62,100	15,52,410
TOTAL ...	3,06,24,8[illegible]	2,89,51,467	10,70,351	3,79,65,693	78,40,875	89,11,226

1888.

Railway.	Net earnings.	Guaranteed interest at contract rates.	Loss to State based on column 2.	Guaranteed interest at 1s. 4·145d., the average rate of the year.	Loss to State based on column 4.	Loss by exchange, being difference between columns 4 and 2.
	1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Madras	35,21,015	56,98,828	21,77,3[illegible]	76,23,851	41,02,296	19,25,023
South Indian	16,77,481	22,24,122	5,56,641	31,10,660	14,43,179	8,86,538
Bombay, Baroda and Central India	57,64,100	44,93,045	12,71,061	60,09,715	2,45,669	15,16,670
Great Indian Peninsula	1,72,97,951	1,29,19,664	4[illegible],78,287	1,72,74,706	23,245	43,55,042
Oudh and Rohilkhund	30,16,005	*35,42,434	15,26,429	51,67,494	†21,51,180	16,25,060
TOTAL ...	3,12,67,188	2,88,78,093	2,5,8[illegible],695	3,91,86,426	70,19,238	1,03,08,333

* This excludes Interest to end of December 1888, amounting to £40,073, on debt appropriated to the discharge of debentures to the extent of £1,885,000, which fell due during the year. It has been decided to treat this payment as a State Railway charge.

† The real loss is understated by the sum of £40,073 referred to in the preceding note.

ORDER.—Ordered, that the note by the Accountant General, Public Works Department, and enclosure referred to, be forwarded to the Local Governments and Officer noted in the margin, and to the Department of Finance, and the Accountant General, Public Works Department, for information.

The Governments of Madras and Bombay. Director General of Railways.

R. C. B. PEMBERTON, Colonel, R.E.,
Secy. to the Govt. of India.

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